

NEWFIELD



October 21, 2004

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Jonah Federal 13-14-9-16, 14-14-9-16, 16-
14-9-16 and Federal 4-5-9-18.

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
OCT 25 2004
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

001

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.
UTU-096547

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
N/A Jonah

8. Lease Name and Well No.
Jonah Federal 16-14-9-16

9. API Well No.
43-013-32698

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
SE/SE Sec. 14, T9S R16E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator
Newfield Production Company

3a. Address
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface SE/SE 657' FSL 758' FEL 578575X 40.025507
At proposed prod. zone 4430784Y - 110.079169

14. Distance in miles and direction from nearest town or post office*
Approximatley 18.5 miles southwest of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 657' f/lse, 657' f/unit

16. No. of Acres in lease
600.00

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1,385'

19. Proposed Depth
5880'

20. BLM/BIA Bond No. on file
#4488944

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5626' GL

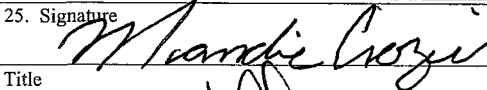
22. Approximate date work will start*
1st Quarter 2005

23. Estimated duration
Approximately seven (7) days from spud to rig release.


24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature  Name (Printed/Typed) Mandie Crozier Date 10/21/04

Title Regulatory Specialist

Approved by (Signature)  Name (Printed/Typed) BRADLEY G. HILL Date 11-01-04

Title ENVIRONMENTAL SCIENTIST III

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

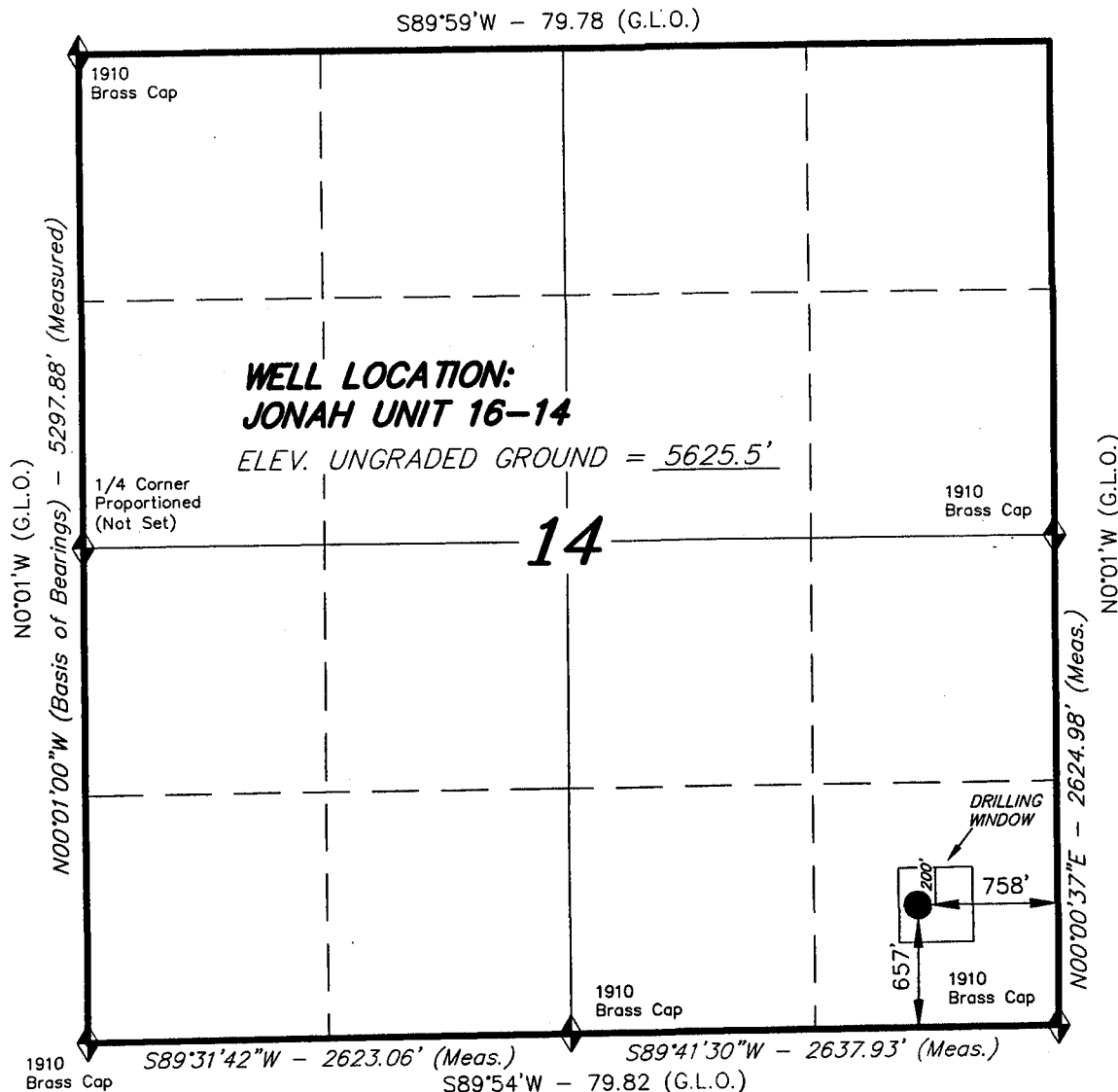
Federal Approval of this
Action is Necessary

RECEIVED
OCT 25 2004
DIV. OF OIL, GAS & MINING

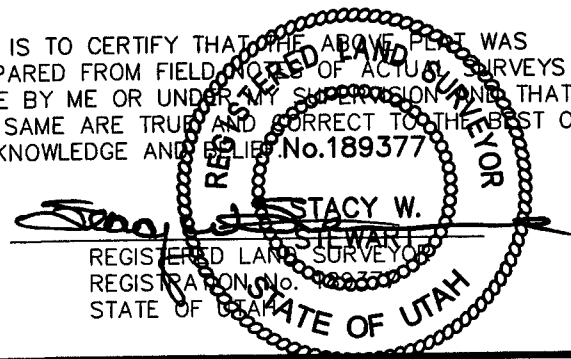
T9S, R16E, S.L.B.&M.

INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH UNIT 16-14,
LOCATED AS SHOWN IN THE SE 1/4 SE
1/4 OF SECTION 14, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 7-6-04	DRAFTED BY: F.T.M.
NOTES:	FILE #

NEWFIELD PRODUCTION COMPANY
JONAH FEDERAL #16-14-9-16
SE/SE SECTION 14, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 1640'
Green River	1880'
Wasatch	5880'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1880' - 5880' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY
JONAH FEDERAL #16-14-9-16
SE/SE SECTION 14, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Jonah Federal #16-14-9-16 located in the SE 1/4 SE 1/4 Section 14, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 12.6 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly and then southwesterly - 2.4 miles \pm to it's junction with an existing road to the south; proceed southerly - 1.9 miles \pm to it's junction with the beginning of the proposed access road; proceed along the proposed access road - 1.2 miles \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-44, 5/5/03. Paleontological Resource Survey prepared by, Wade E. Miller, 1/8/04. See attached report cover pages, Exhibit "D".

For the Jonah Federal #16-14-9-16 Newfield Production Company requests 350' of disturbed are be granted in Lease UTU-096550 and 1,220' of disturbed area be granted in Lease UTU-096547 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 350' of disturbed are be granted in Lease UTU-096550 and 1,220' of disturbed area be granted in Lease UTU-096547 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 1,220' of disturbed are be granted in Lease UTU-096550 and 1,220' of disturbed area be granted in Lease UTU-096547 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Possible Rapture nest – Dixie Sadler to advise.

Reserve Pit Liner

A 12 mil liner will be used at the operators discretion. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Black Sage	<i>Artemisia Nova</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	4 lbs/acre
Needle and Thread Grass	<i>Stipa Comata</i>	4 lbs/acre
Green Molly Summer Cyress	<i>Kochia American</i>	3 lbs/acre

Details of the On-Site Inspection

The proposed Jonah Federal #16-14-9-16 was on-sited on 5/19/04. The following were present; Brad Mecham (Newfield Production), David Gerbig (Newfield Production), and Byron Tolman (Bureau of Land Management). Weather conditions were clear at 70 degrees.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Brad Mecham
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

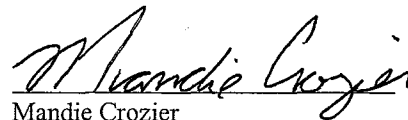
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #16-14-9-16 SE/SE Section 14, Township 9S, Range 16E: Lease UTU-096547 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

10/21/04

Date

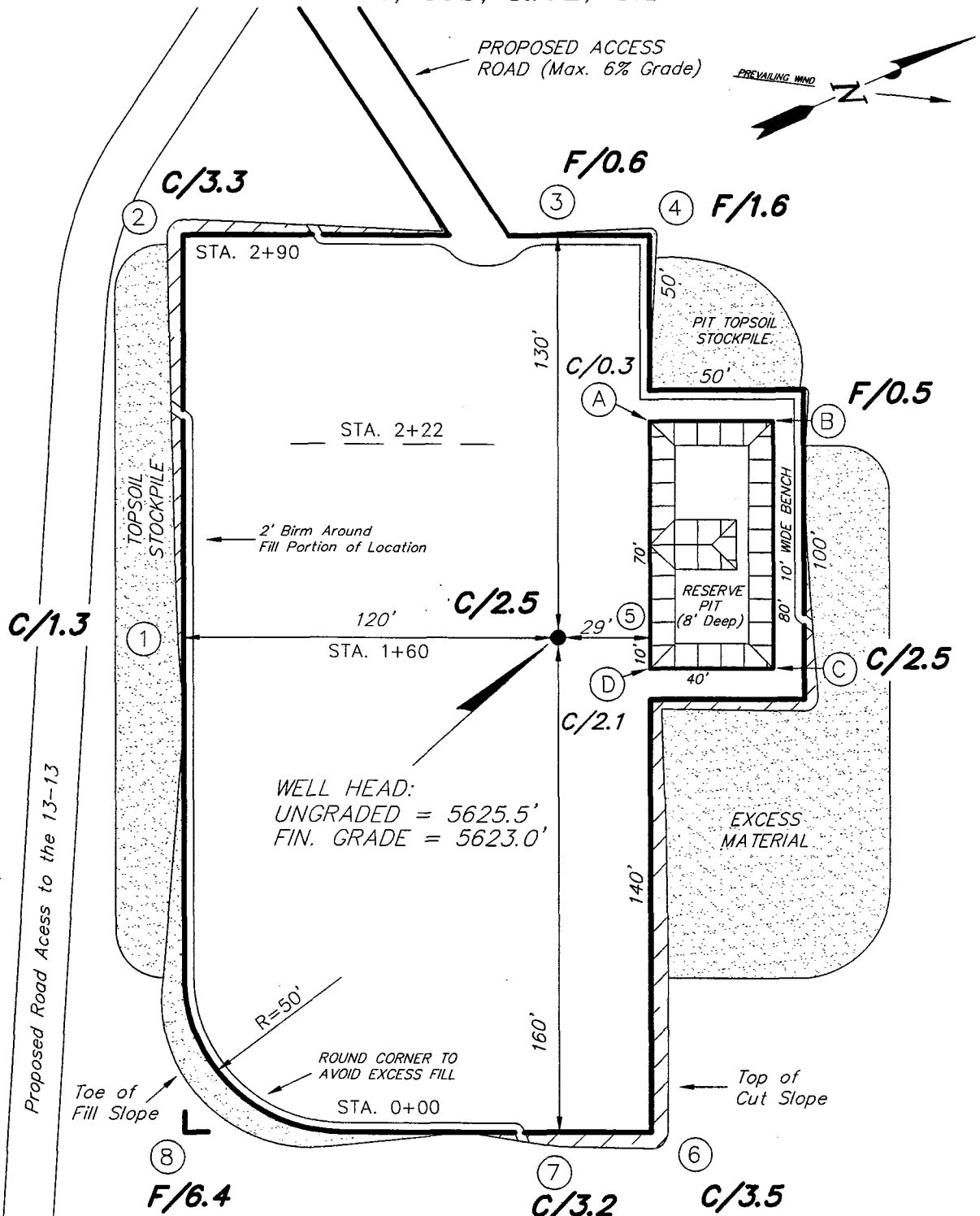


Mandie Crozier
Regulatory Specialist
Newfield Production Company

INLAND PRODUCTION COMPANY

JONAH UNIT 16-14

Section 14, T9S, R16E, S.L.B.&M.



WELL HEAD:
UNGRADED = 5625.5'
FIN. GRADE = 5623.0'

REFERENCE POINTS

170' SOUTH = 5621.9'
220' SOUTH = 5624.9'
210' EAST = 5624.8'
260' EAST = 5620.3'

SURVEYED BY: D.J.S.

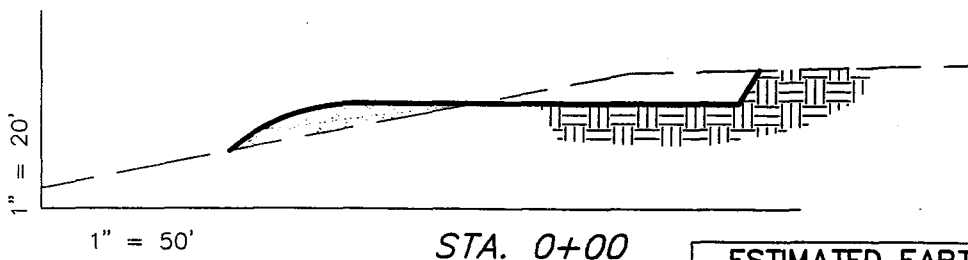
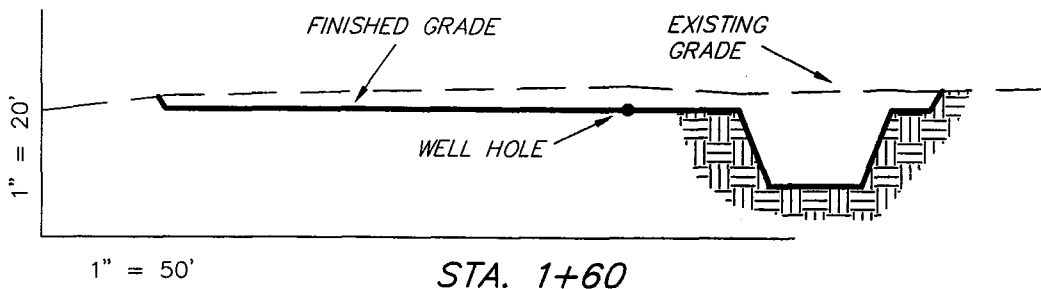
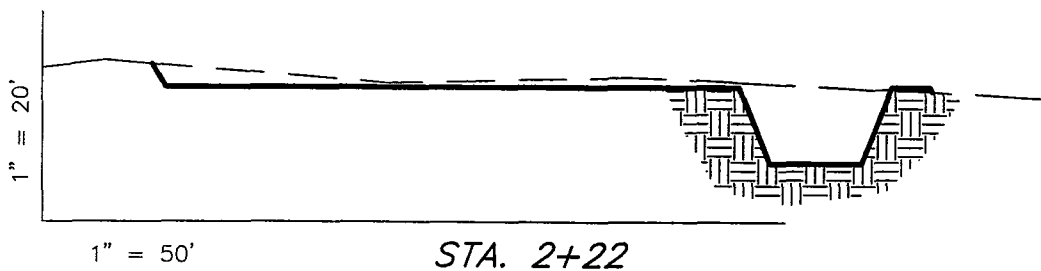
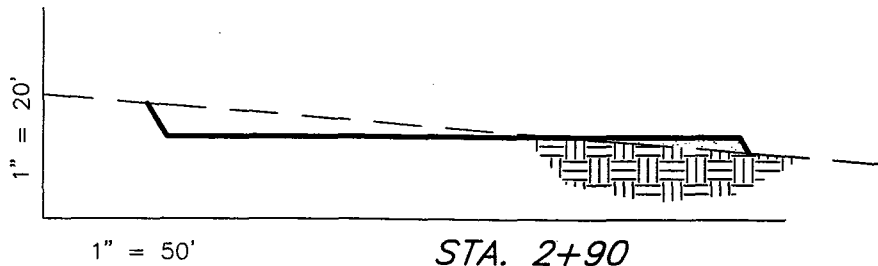
SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 7-8-04

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

INLAND PRODUCTION COMPANY
CROSS SECTIONS
JONAH UNIT 16-14



NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,250	1,250	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	1,890	1,250	890	640

SURVEYED BY: D.J.S.

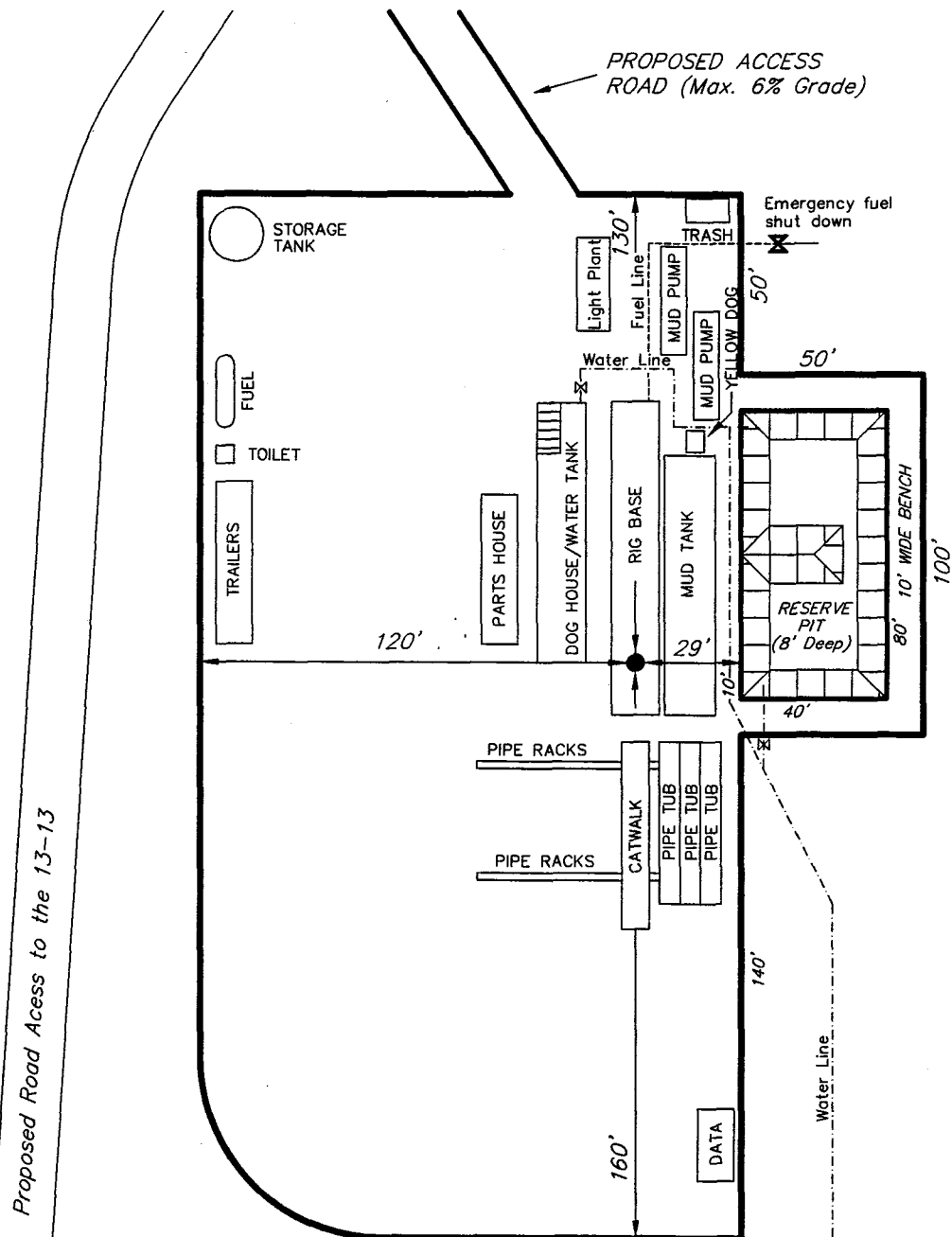
SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 7-8-04

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

ND PRODUCTION COMPANY
TYPICAL RIG LAYOUT
JONAH UNIT 16-14



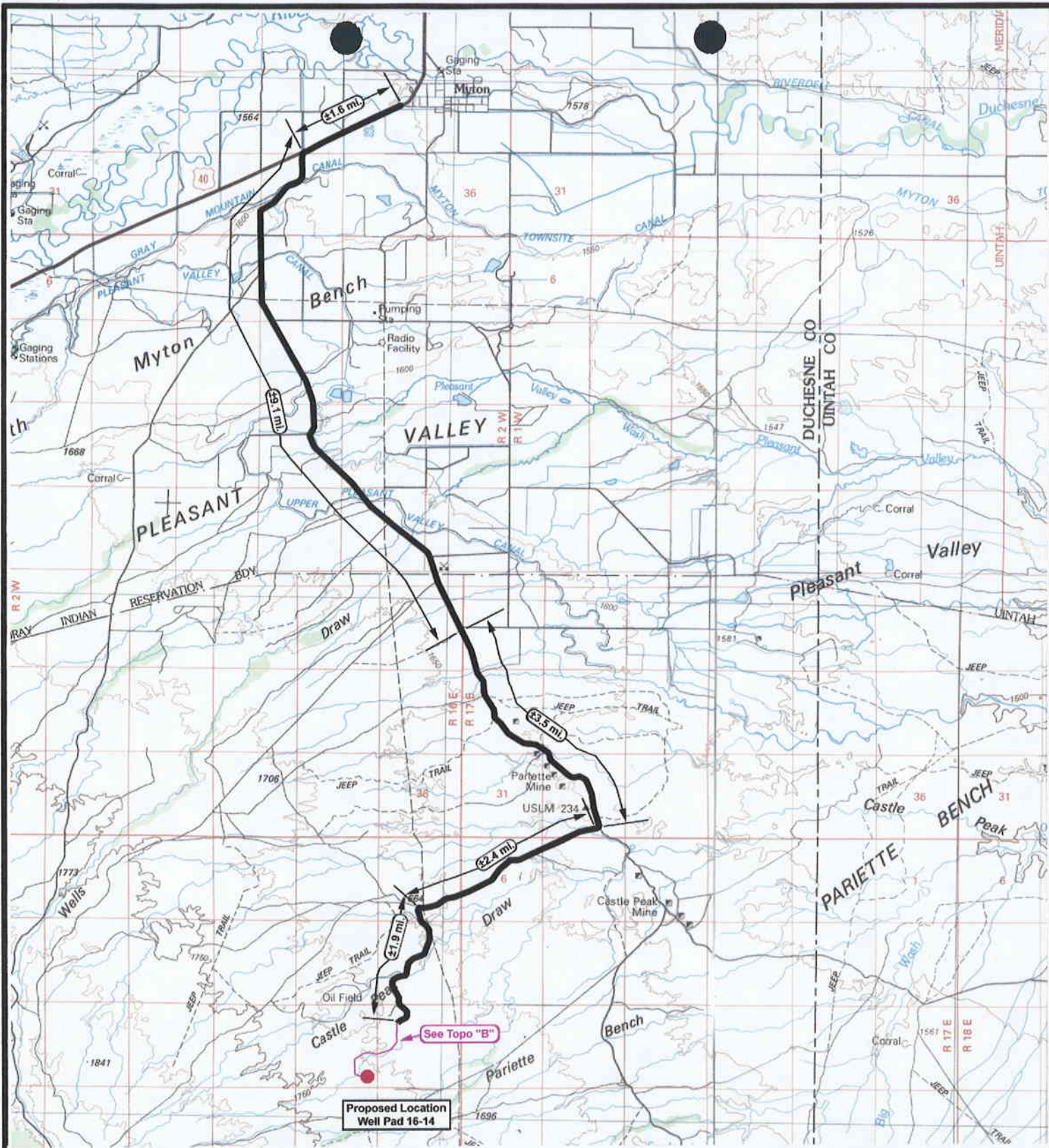
SURVEYED BY: D.J.S.

DRAWN BY: F.T.M.

SCALE: $1'' = 50'$

DATE: 7-8-04

Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078



**Jonah Unit 16-14-9-16
SEC. 14, T9S, R16E, S.L.B.&M.**



**Tri-State
Land Surveying Inc.**
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000

DRAWN BY: bgm

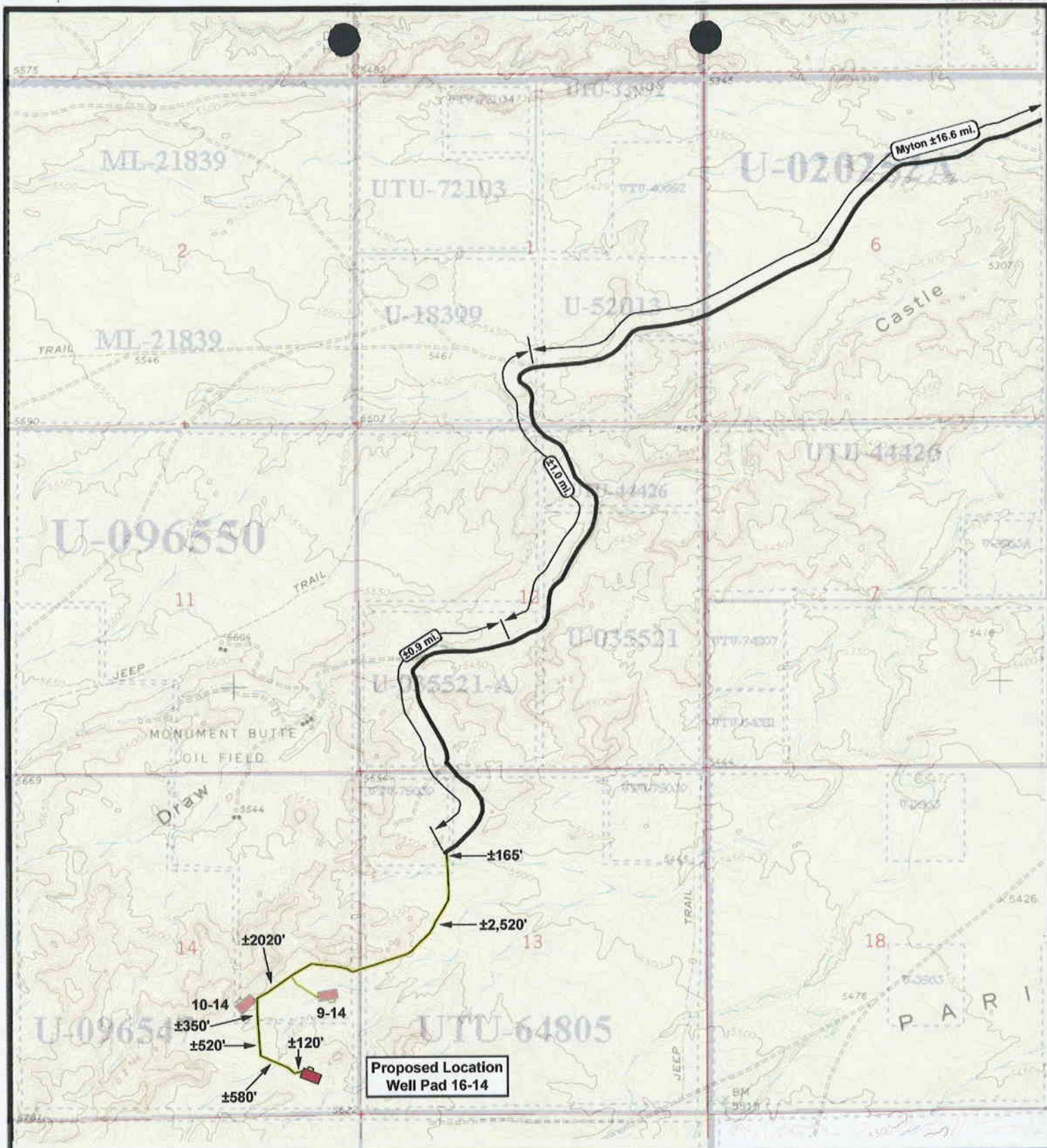
DATE: 08-31-2004

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"A"



Federal 16-14-9-16
SEC. 14, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

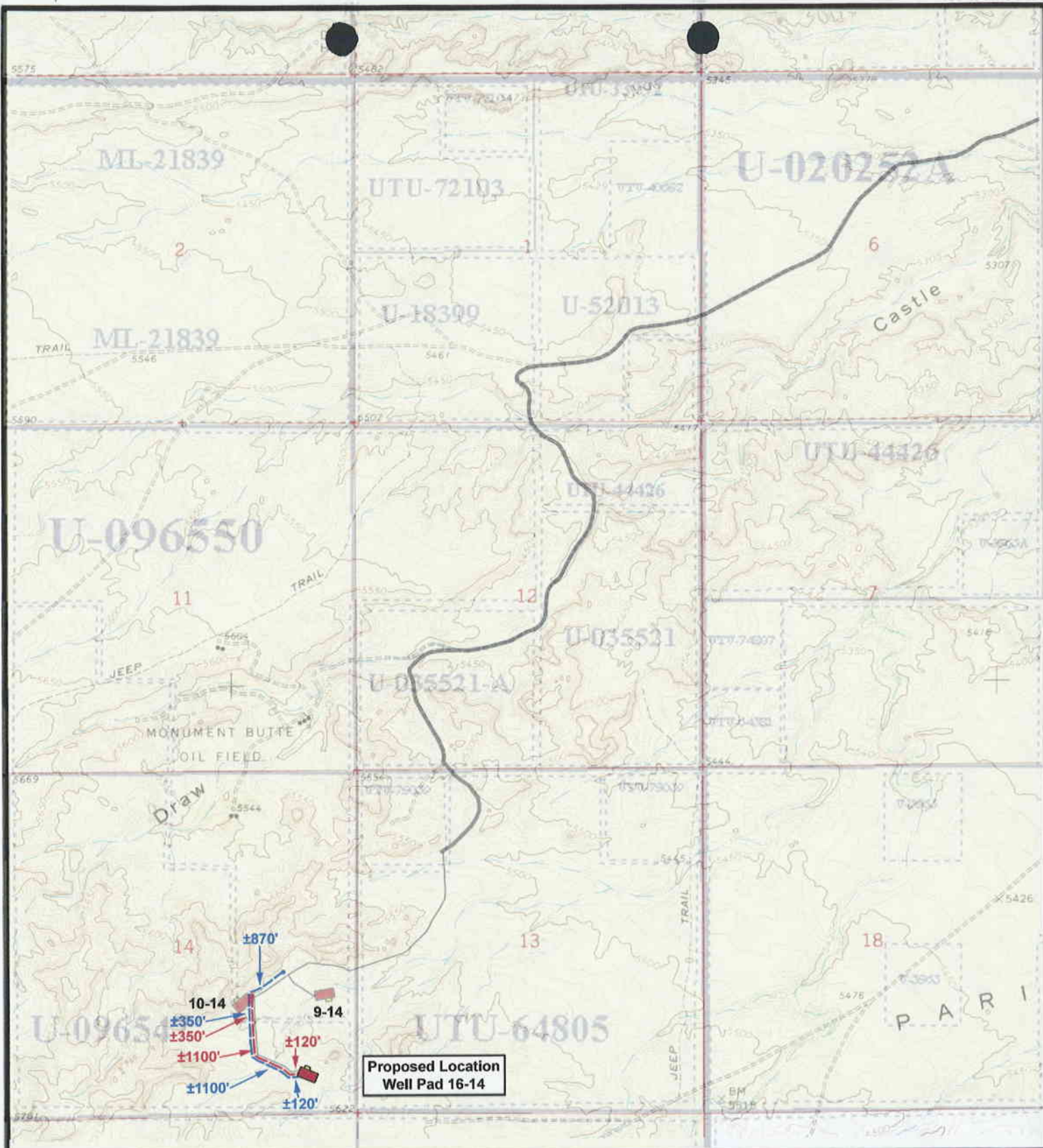
SCALE: 1" = 2000'
 DRAWN BY: bgm
 DATE: 08-31-2004

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"B"



Federal 16-14-9-16
SEC. 14, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'
 DRAWN BY: bgm
 DATE: 08-31-2004

Legend

- Existing Road
- Proposed Access
- - - Proposed Gas Line
- - - Proposed Water Line

TOPOGRAPHIC MAP

"C"

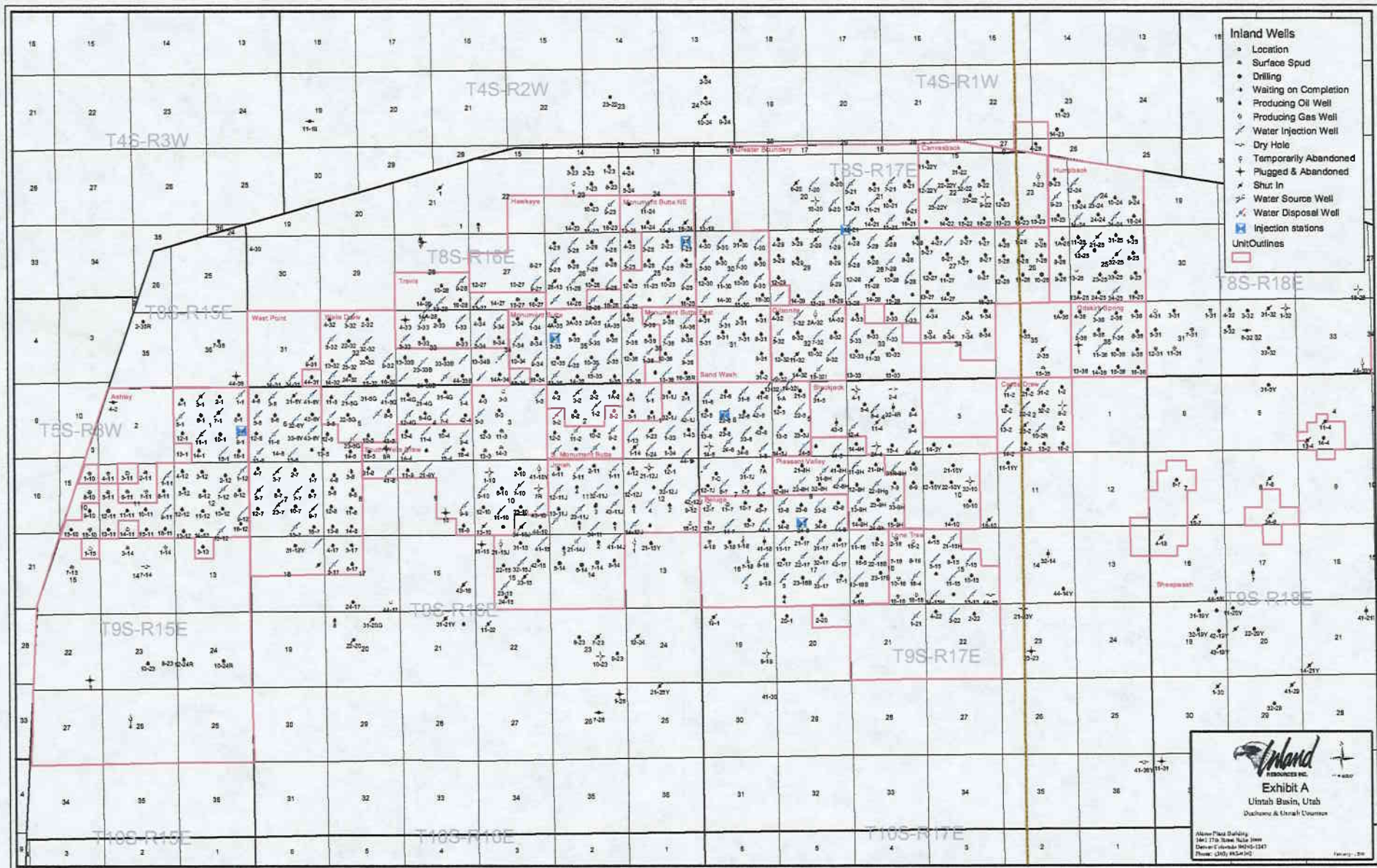


Exhibit "B"

Blowout Prevention Equipment Systems



CULTURAL RESOURCE INVENTORY OF INLAND
RESOURCES' BLOCK PARCELS (T9S, R16E, SEC. 13 & 14)
NEAR CASTLE PEAK DRAW, DUCHESNE COUNTY, UTAH.

by

Katie Simon
and
Keith Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Inland Resources
Route 3 Box 3630
Myton, UT 84052

Prepared By:

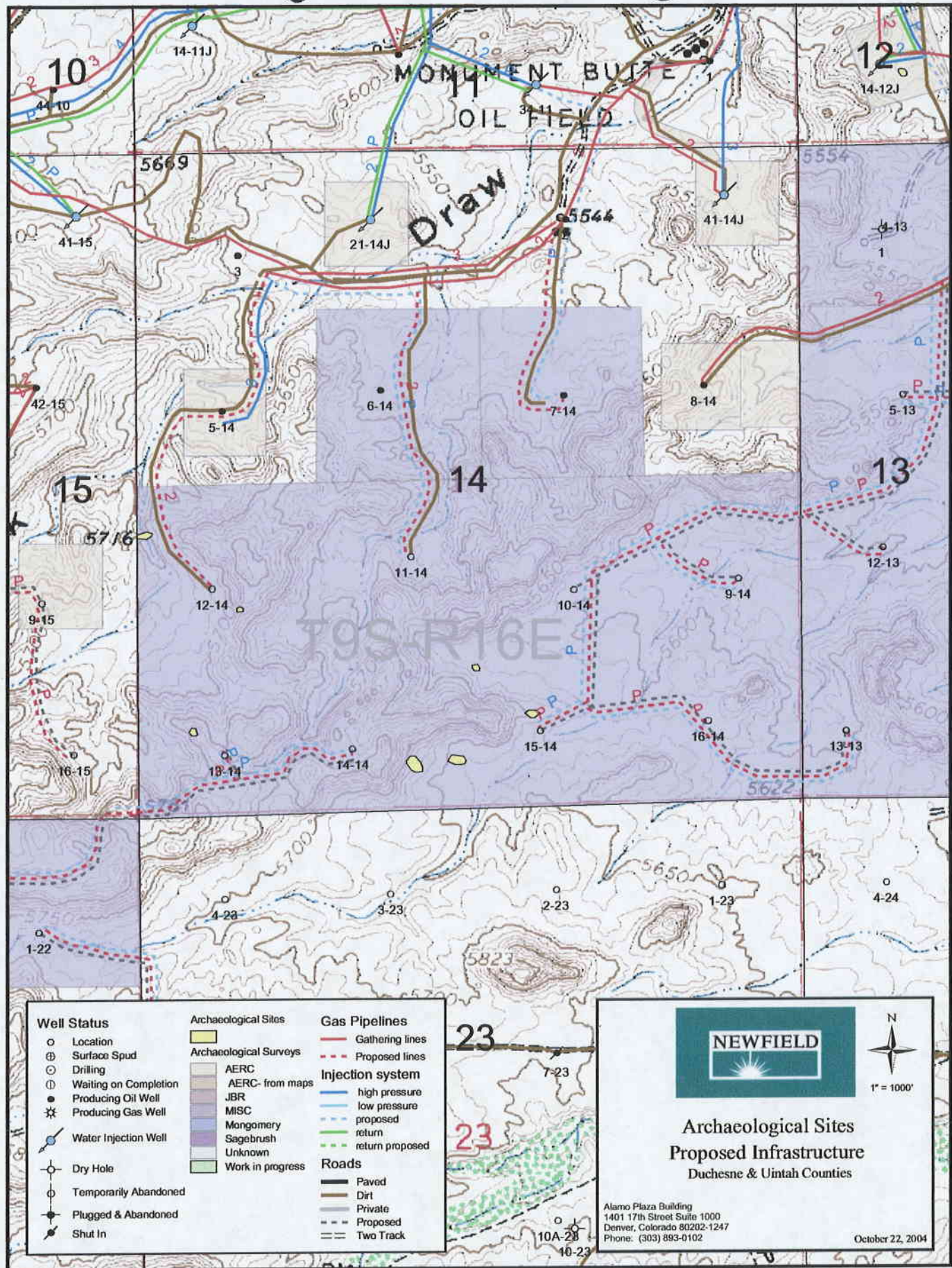
Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 04-44

May 5, 2003

United States Department of Interior (FLPMA)
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-04-MQ-0328b



INLAND RESOURCES, INC.

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

(NE 1/4, SE 1/4, Sec. 10, T 9 S, R 17 E; SE 1/4, NW 1/4 &
SW 1/4, NE 1/4, Sec. 29, T 8 S, R 17 E; South 1/2 Sec. 14
T 9 S, R 16 E; and NW 1/4, Sec. 13, T 9 S, R 16 E)

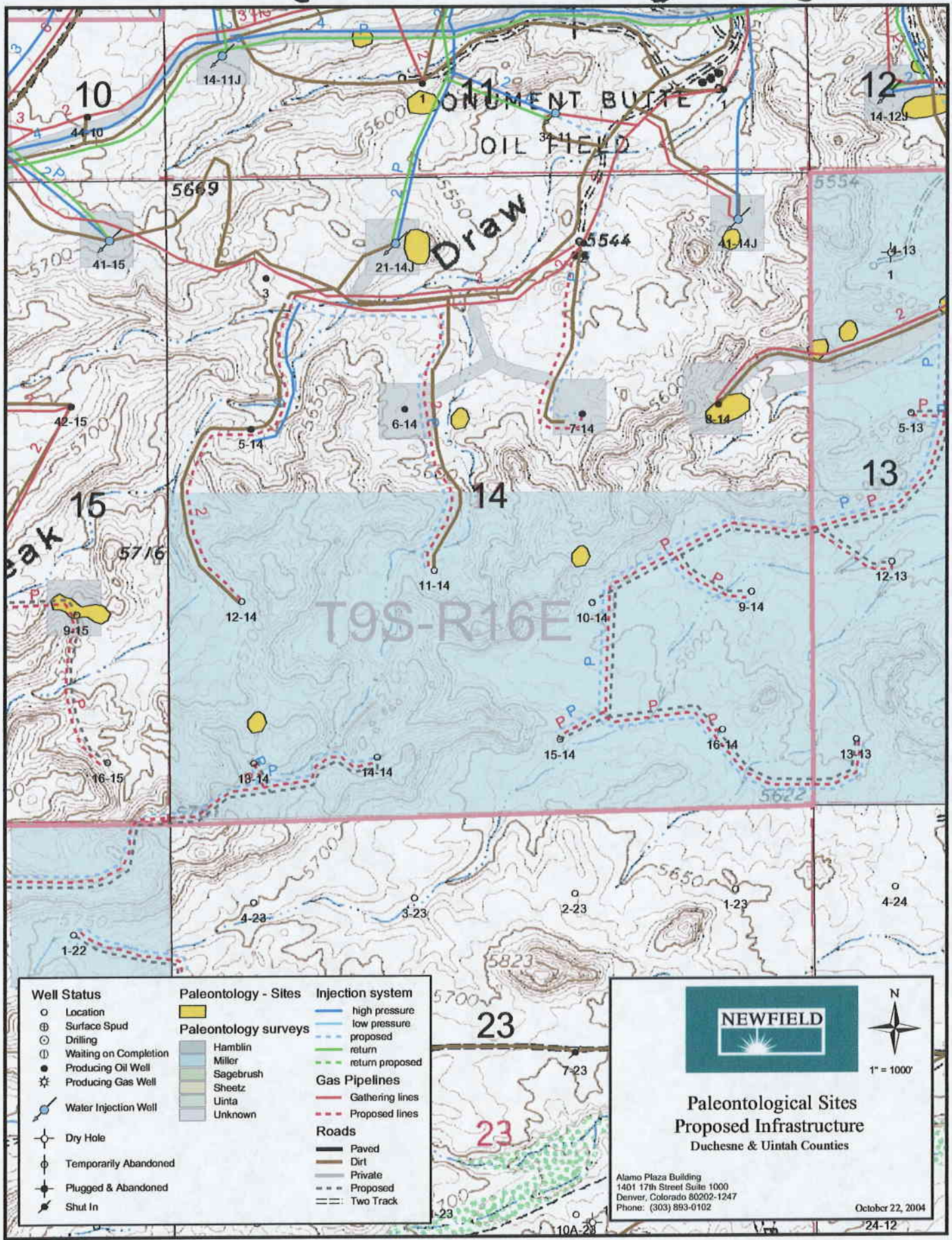
REPORT OF SURVEY

Prepared for:

Inland Resources, Inc.

Prepared by:

Wade E. Miller
Consulting Paleontologist
January 8, 2004



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/25/2004

API NO. ASSIGNED: 43-013-32698

WELL NAME: JONAH FED 16-14-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SESE 14 090S 160E

SURFACE: 0657 FSL 0758 FEL

BOTTOM: 0657 FSL 0758 FEL

DUCHESNE

MONUMENT BUTTE (105)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-096547

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.02551

LONGITUDE: -110.0792

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 4488944)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

R649-2-3.

Unit JONAH (GREEN RIVER)

R649-3-2. General

Siting: 460' From Qtr/Qtr & 920' Between Wells

R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 218.2

Eff Date: 7-16-1993

Siting: 460' fr u bary & 920' fr other wells.

R649-3-11. Directional Drill

COMMENTS:

See Separate File

STIPULATIONS:

1 - Federal Approval

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

November 1, 2004

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2004 Plan of Development Jonah Unit, Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2004 within the Jonah Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Green River)

43-013-32696	Jonah Federal	13-14-9-16 Sec 14 T09S R16E 0484 FSL 0688 FWL
43-013-32697	Jonah Federal	14-14-9-16 Sec 14 T09S R16E 0507 FSL 1684 FWL
43-013-32698	Jonah Federal	16-14-9-16 Sec 14 T09S R16E 0657 FSL 0758 FEL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Jonah Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:11-1-04



State of Utah

Department of
Natural Resources

ROBERT L. MORGAN
Executive Director

Division of
Oil, Gas & Mining

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

November 1, 2004

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Jonah Federal 16-14-9-16 Well, 657' FSL, 758' FEL, SE SE, Sec. 14,
T. 9 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32698.

Sincerely,

A handwritten signature in dark ink, appearing to read "John R. Baza".

John R. Baza
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Jonah Federal 16-14-9-16
API Number: 43-013-32698
Lease: UTU-096547

Location: SE SE Sec. 14 T. 9 South R. 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.
UTU-096547

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
N/A *Jonah*

8. Lease Name and Well No.
Jonah Federal 16-14-9-16

9. API Well No.
43-013-32698

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
SE/SE Sec. 14, T9S R16E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator
Newfield Production Company

3a. Address
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface SE/SE 657' FSL 758' FEL
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*
Approximatley 18.5 miles southwest of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 657' f/ise, 657' f/unit

16. No. of Acres in lease
600.00

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1,385'

19. Proposed Depth
5880'

20. BLM/BIA Bond No. on file
#4488944

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5626' GL

22. Approximate date work will start*
1st Quarter 2005

23. Estimated duration
Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature *Mandie Crozier* Name (Printed/Typed) Mandie Crozier Date *10/21/04*

Title Regulatory Specialist

Approved by (Signature) *Ronald B. Cleary* Name (Printed/Typed) Date *06/23/2005*

Title Assistant Field Manager Office

Mineral Resources

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

SEP 14 2005

DIV. OF OIL, GAS & MINING

4006M
NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

05 JIN 01564

No NOS

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Operator/Company: Newfield Production Co.

Well Name/Number: Federal 16-14- 9-16

API Number: 43-013-32698

Location: SESE Sec. 14 T. 9S R. 16E

Lease Number: UTU-096547

Agreement Name (If Applicable): N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware that fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

Please submit an electronic copy of all logs run on this well in LAS format. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF or other).

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Kirk Fleetwood (435) 828-7874
Petroleum Engineer

Michael Lee (435) 828-7875
Petroleum Engineer

BLM FAX Machine (435) 781-4410

No additional Surface COAs.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: JONAH FED 16-14-9-16

Api No: 43-013-32698 Lease Type: FEDERAL

Section 14 Township 09S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 24

SPUDDED:

Date 10/15/05

Time 10:00 AM

How DRY

Drilling will Commence: _____

Reported by JUSTIN CRUM

Telephone # 1-435-823-6733

Date 10/17/05 Signed CHD

RECEIVED

OCT 19 2005

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

DIV. OF OIL, GAS & MINING

OPERATOR: **NEWFIELD PRODUCTION COMPANY**
ADDRESS: **RT. 3 BOX 8880**
MYTON, UT 84052

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	14844	43-047-36014	FEDERAL 10-13-9-17	NWSE	13	9S	17E	UINTAH	10/12/05	10/20/05
WELL 1 COMMENTS: <i>GRPV</i>											
A	99999	14995	43-013-32659	FEDERAL 2-13-9-16	NWNE	13	9S	16E	DUCHESNE	10/13/05	10/20/05
WELL 2 COMMENTS: <i>GRPV</i>											
B	99999	14844	43-047-36011	FEDERAL 16-13-9-17	SESE	13	9S	17E	UINTAH	10/14/05	10/20/05
WELL 3 COMMENTS: <i>GRPV</i>											
B	99999	11492	43-013-32698	JONAH FEDERAL 16-14-9-16	SESE	14	9S	16E	DUCHESNE	10/14/05	10/20/05
WELL 4 COMMENTS: <i>GRPV</i>											
B	99999	14844	43-047-35703	FEDERAL 3-13-9-17	NENW	13	9S	17E	UINTAH	10/17/05	10/20/05
WELL 5 COMMENTS: <i>GRPV Sundance</i>											
B	99999	14844	43-047-35701	FEDERAL 7-13-9-17	SWNE	13	9S	17E	UINTAH	10/18/05	10/20/05
WELL 6 COMMENTS: <i>GRPV Sundance</i>											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or well well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Kim Kettle
Signature _____ Kim Kettle
Production Clerk
October 19, 2005
Date

10/19/2005 13:19

4356463031

INLAND

PAGE 02

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

657 FSL 758 FEL

SE/SE Section 14 T9S R16E

5. Lease Serial No.

UTU096547

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

JONAH UNIT

8. Well Name and No.

JONAH FEDERAL 16-14-9-16

9. API Well No.

4301332698

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10-14-05 MIRU Ross # 24. Spud well @ 10:00 AM. Drill 303' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 310.02 KB. On 10/16/05 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cfl/sk yeild. Returned 4 bbls cement to pit. WOC.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)
Justin Crum

Title

Drilling Foreman

Signature

Date

10/21/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

OCT 24 2005

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 310.02

LAST CASING 8 5/8" SET / 310.02
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD.DRILLER 303 LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Jonah 16-14-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross Rig # 24

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 38.76'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	302.62
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			300.02
TOTAL LENGTH OF STRING		300.02	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			310.02

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third for 3		

COMPANY REPRESENTATIVE Justin Crum

DATE 10/17/2005

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

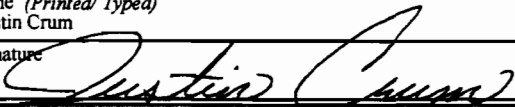
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU096547
2. Name of Operator Newfield Production Company		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone No. (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or No. JONAH UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 657 FSL 758 FEL SE/SE Section 14 T9S R16E		8. Well Name and No. JONAH FEDERAL 16-14-9-16
		9. API Well No. 4301332698
		10. Field and Pool, or Exploratory Area Monument Butte
		11. County or Parish, State Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10/17/05 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5815'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 130 jt's of 5.5 J-55, 15.5# csgn. Set @ 5803' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned all spacers reserve pit. Nipple down Bop's. Drop slips @ 80,000 #'s tension. Release rig @ 6:30 AM on 10/22/05.

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Justin Crum	Title Drilling Foreman
Signature 	Date 10/23/2005

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

OCT 25 2005

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5803.67

Flt cllr @ 5760.15

LAST CASING 8 5/8" SET AT 310'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Jonah Federal 16-14-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # NDSI # 1

TD DRILLER 5815' LOGGER 5814'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
		Landing Jt					14	
		Short jt 3742 (6.32')						
129	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5746.15	
		Float collar					0.6	
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	44.27	
		GUIDE shoe			8rd	A	0.65	
CASING INVENTORY BAL.			FEET	JTS	TOTAL LENGTH OF STRING			5805.67
TOTAL LENGTH OF STRING			5805.67	130	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS			15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT			135.3	3	CASING SET DEPTH			5803.67
TOTAL			5925.72	133	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)			5925.72	133				
TIMING			1ST STAGE	2nd STAGE				
BEGIN RUN CSG.			10/22/2005	12:30 AM	GOOD CIRC THRU JOB			Yes
CSG. IN HOLE			10/22/2005	3:30 AM	Bbls CMT CIRC TO SURFACE			Trace
BEGIN CIRC			10/22/2005	3:30 AM	RECIPROCATED PIPE FOR			THRUSTROKE NA
BEGIN PUMP CMT			10/22/2005	4:40 AM	DID BACK PRES. VALVE HOLD ?			Yes
BEGIN DSPL. CMT			10/22/2005	5:47 AM	BUMPED PLUG TO			1671 PSI
PLUG DOWN			10/22/2005	6:13 AM				
CEMENT USED		CEMENT COMPANY- B. J.						
STAGE	# SX	CEMENT TYPE & ADDITIVES						
1	300	Premlite II w/ 10% gel + 3 % KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/4#'s/sk Cello Flake						
		mixed @ 11.0 ppg W / 3.43 cf/sk yield						
2	425	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD						
CENTRALIZER & SCRATCHER PLACEMENT				SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.								

COMPANY REPRESENTATIVE Justin Crum

DATE 10/22/2005

RECEIVED

OCT 25 2005

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Newfield Production Company

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone No. (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
657 FSL 758 FEL
SE/SE Section 14 T9S R16E

5. Lease Serial No.

UTU096547

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.
JONAH UNIT

8. Well Name and No.
JONAH FEDERAL 16-14-9-16

9. API Well No.
4301332698

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)
Mandie Crozier

Signature

Title

Regulatory Specialist

Date

11/15/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

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(Instructions on reverse)

RECEIVED

NOV 16 2005

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
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SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

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Myton, UT 84052

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657 FSL 758 FEL

SE/SE Section 14 T9S R16E

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7. If Unit or CA/Agreement, Name and/or No.

JONAH UNIT

8. Well Name and No.

JONAH FEDERAL 16-14-9-16

9. API Well No.

4301332698

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

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<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Variance _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production Company is requesting a variance from Onshore Order 43 CFR Part 3160 Section 4 requiring production tanks to be equipped with Enardo or equivalent vent line valves. Newfield operates wells that produce from the Green River formation, which are relatively low gas producers (20 mcfpd). The majority of the wells are equipped with a three phase separator to maximize gas separation and sales.

Newfield is requesting a variance for safety reasons. Crude oil production tanks equipped with back pressure devices will emit a surge of gas when the thief hatches are open. While gauging tanks, lease operators will be subject to breathing toxic gases as well as risk a fire hazard, under optimum conditions

FORM SENT TO OPERATOR

Date: 11-18-05
Initials: CTD

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Mandie Crozier

Title

Regulatory Specialist

Signature

Date

11/15/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Accepted by the
Utah Division of
Oil, Gas and Mining
Office

Date

Federal Approval Of This
Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

NOV 16 2005

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Newfield Production Company

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone No. (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
657 FSL 758 FEL
SE/SE Section 14 T9S R16E

5. Lease Serial No.

UTU096547

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

JONAH UNIT

8. Well Name and No.

JONAH FEDERAL 16-14-9-16

9. API Well No.

4301332698

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Status report for time period 11/08/05 - 11/14/05

Subject well had completion procedures initiated in the Green River formation on 11-08-05 without the use of a service rig over the well. A cement bond log was run and a total of four Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5374'-5380'); Stage #2 (5122'-5132'); Stage #3 (4942'-4954'); (4916'-4921'); Stage #4 (4036'-4042'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 11-10-2005. Bridge plugs were drilled out and well was cleaned to 5744'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 11-14-2005.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)
Lana Nebeker

Signature

Title

Production Clerk

Date

11/21/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

NOV 22 2005

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK		OIL WELL <input checked="" type="checkbox"/>		GAS WELL <input type="checkbox"/>		DRY <input type="checkbox"/>		Other _____	
1b. TYPE OF WELL		NEW WELL <input checked="" type="checkbox"/>		WORK OVER <input type="checkbox"/>		DEEPEN <input type="checkbox"/>		PLUG BACK <input type="checkbox"/>	
				DIFF RESVR. <input type="checkbox"/>				Other _____	
2. NAME OF OPERATOR Newfield Exploration Company									
3. ADDRESS AND TELEPHONE NO. 1401 17th St. Suite 1000 Denver, CO 80202									
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface 657' FSL & 758' FEL (SE/SE) Sec. 14, T9S, R16E At top prod. Interval reported below									
14. API NO. 43-013-32698									
DATE ISSUED 11/4/04									
12. COUNTY OR PARISH Duchesne									
13. STATE UT									
15. DATE SPUNDED 10/14/05									
16. DATE T.D. REACHED 10/21/05									
17. DATE COMPL. (Ready to prod.) 11/14/05									
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5626' GL									
19. ELEV. CASINGHEAD 5638' KB									
20. TOTAL DEPTH MD & TVD		21. PLUG BACK T.D. MD & TVD		22. IF MULTIPLE COMPL. HOW MANY*		23. INTERVALS DRILLED BY		ROTARY TOOLS	
5815'		5758'				----->		X	
24. PRODUCING INTERVAL(S). OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Green River 4036'-5380'									
25. WAS DIRECTIONAL SURVEY MADE No									
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log									
27. WAS WELL CORED No									

CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	310'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5804'	7-7/8"	300 sx Premite II and 425 sx 50/50 Poz	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5458'	TA @ 5359'

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
(CP2) 5374'-5380'	.46"	4/24	5374'-5380'	Frac w/ 24,617# 20/40 sand in 360 bbls fluid	
(LODC) 5122'-5132'	.46"	4/40	5122'-5132'	Frac w/ 34,329# 20/40 sand in 394 bbls fluid	
(A3&1) 4942'-4954', 4916'-4921'	.46"	4/68	4916'-4954'	Frac w/ 75,312# 20/40 sand in 591 bbls fluid	
(GB6) 4036'-4042'	.46"	4/24	4036'-4042'	Frac w/ 25,272# 20/40 sand in 301 bbls fluid	

33.*		PRODUCTION						WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION 11/14/05		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 15' RHAC SM Plunger Pump						PRODUCING	
DATE OF TEST 30 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF	WATER--BBL.	GAS-OIL RATIO		
			----->	11	22	39	2000		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF	WATER--BBL.	OIL GRAVITY-API (CORR.)			
						RECEIVED			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	Sold & Used for Fuel	TEST WITNESSED BY	DEC 22 2005
--	----------------------	-------------------	-------------

35. LIST OF ATTACHMENTS	
-------------------------	--

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		DIV. OF OIL, GAS & MINING	
SIGNED	<i>Mandie Crozier</i>	Regulatory Specialist	DATE 12/21/2005
Mandie Crozier			

(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name	Garden Gulch Mkr	3468'	
			Jonah Federal 16-14-9-16	Garden Gulch 1	3674'	
				Garden Gulch 2	3788'	
				Point 3 Mkr	4055'	
				X Mkr	4300'	
				Y-Mkr	4337'	
				Douglas Creek Mkr	4458'	
				BiCarbonate Mkr	4694'	
				B Limestone Mkr	4804'	
				Castle Peak	5318'	
				Basal Carbonate	5748'	
				Total Depth (LOGGERS	5814'	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096547
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: JONAH FED 16-14-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0657 FSL 0758 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 14 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013326980000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/20/2012				
<input type="checkbox"/> SPUD REPORT Date of Spud:				
<input type="checkbox"/> DRILLING REPORT Report Date:				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 12/19/2012. On 12/19/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/20/2012 the casing was pressured up to 1005 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 240 psig during the test. There was not a State representative available to witness the test.

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: January 07, 2013

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 1/7/2013	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 12/20/12 Time 10:40 am pm
Test Conducted by: EVERETT URBAN
Others Present: _____

Well: JONAH FEDERAL 16-14-9-14

Field: Monument Butte

Well Location: SESE Sec 14 T9S R16E
Duchesne, County UT

API No: 43-013-32698

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1005</u>	psig
5	<u>1005</u>	psig
10	<u>1005</u>	psig
15	<u>1005</u>	psig
20	<u>1005</u>	psig
25	<u>1005</u>	psig
30 min	<u>1005</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 240 psig

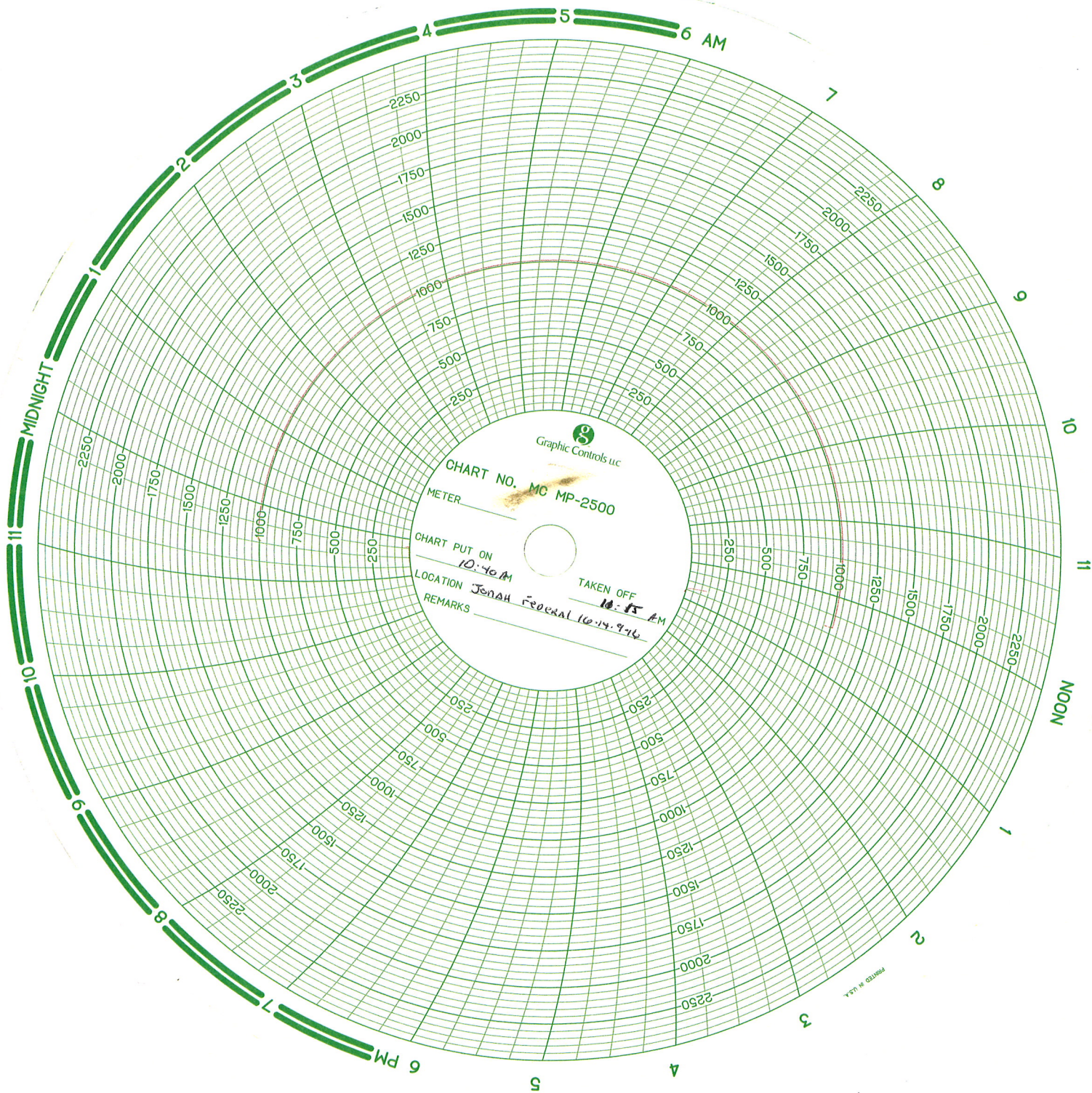
Result:

Pass

Fail

Signature of Witness: _____

Signature of Person Conducting Test: Everett Urban



Daily Activity Report

Format For Sundry

JONAH 16-14-9-16

10/1/2012 To 2/28/2013

12/13/2012 Day: 1

Conversion

WWS #3 on 12/13/2012 - MIRUSU, LD rods - MIRUSU, Rd pumping unit. Pump 60bbls down csg, unseat pump w/10000 over string wt, unable to flush. Resent pump soft seat and test to 3500psi. LD 25 guided rods, unable to flush. TOO H w/99 3/4 slk rods, 10 3/4 guided rods 6 1-1/2 weight bars. LD pump, x-over to rod equip. ND wellhead unable to release TAC, NU bops Ru floor and tbg equip. Pump 40 bbls down tbg work TAC. - MIRUSU, Rd pumping unit. Pump 60bbls down csg, unseat pump w/10000 over string wt, unable to flush. Resent pump soft seat and test to 3500psi. LD 25 guided rods, unable to flush. TOO H w/99 3/4 slk rods, 10 3/4 guided rods 6 1-1/2 weight bars. LD pump, x-over to rod equip. ND wellhead unable to release TAC, NU bops Ru floor and tbg equip. Pump 40 bbls down tbg work TAC.

Daily Cost: \$0

Cumulative Cost: \$18,202

12/14/2012 Day: 2

Conversion

WWS #3 on 12/14/2012 - pump 60 bbls down tbg @ 1/2 bbl a min @ 2000 psi ru power swivel work TAC all day flushing down tbg every 3 hrs no progress. free point in AM - Pump 60 BBLS Down TBG @ 1/2 BLS min @ 2000 psi RU nabors PS 1 work TBG 2 hours RO Hot oiler pumped 50 BBLS @ 1/2 bls @ 1500 PSI cant working TBG for # hours pump 60 BBLS @ 1/2 BBLS per min @ 1300PSI cant working TBG untill 4:00 rack out drill equipment free point in the Am CWI @ 4:30. - Pump 60 BBLS Down TBG @ 1/2 BLS min @ 2000 psi RU nabors PS 1 work TBG 2 hours RO Hot oiler pumped 50 BBLS @ 1/2 bls @ 1500 PSI cant working TBG for # hours pump 60 BBLS @ 1/2 BBLS per min @ 1300PSI cant working TBG untill 4:00 rack out drill equipment free point in the Am CWI @ 4:30.

Daily Cost: \$0

Cumulative Cost: \$24,197

12/17/2012 Day: 3

Conversion

WWS #3 on 12/17/2012 - TIH W/ Cem. Cutter Cut TBG @ 5135' RD - Flush TBG W/50 BBLS RU in wire line TIH W/ free point 100% stuck @ 5190' 70% free @5150, 100% Free @ 5140 TOO H W/ free point TIH W/ Cem. Cutter Cut TBG @ 5135' RD, Wire Line, flush tbg W20 BBLS TOO H W159 JTS OUT TIH W/ shoe 8 JTS wast pipe bushing allionce jars 4 Drill collars Intenskier X-over sub 110 JT EOT @3973 RU rig pump + care well.CWI @5:30 - Flush TBG W/50 BBLS RU in wire line TIH W/ free point 100% stuck @ 5190' 70% free @5150, 100% Free @ 5140 TOO H W/ free point TIH W/ Cem. Cutter Cut TBG @ 5135' RD, Wire Line, flush tbg W20 BBLS TOO H W159 JTS OUT TIH W/ shoe 8 JTS wast pipe bushing allionce jars 4 Drill collars Intenskier X-over sub 110 JT EOT @3973 RU rig pump + care well.CWI @5:30

Daily Cost: \$0

Cumulative Cost: \$30,207

12/18/2012 Day: 4

Conversion

WWS #3 on 12/18/2012 - clean out 115' of scale to 5272,cont TIH to tac @ 5347 - Thaw out wellhead cont TIH to 5128 RU nabors power swivel cont PU + TIH Tag fish top @ 5135 swallow fish to in wash pipe cont TIH tag @5157 clean out 115' of scale to 5272,cont TIH to

tac @ 5347 cerc well clean TOO H rack out power swival stand back wash pipe + collars TIH W over shot 4-3 3/4 collars intensifier X-over sub pup JT 118 JTs EOT @ 3969' CWI 5:00 - Thaw out wellhead cont TIH to 5128 RU nabors power swivel cont PU + TIH Tag fish top @ 5135 swallow fish to in wash pipe cont TIH tag @5157 clean out 115' of scale to 5272,cont TIH to tac @ 5347 cerc well clean TOO H rack out power swival stand back wash pipe + collars TIH W over shot 4-3 3/4 collars intensifier X-over sub pup JT 118 JTs EOT @ 3969' CWI 5:00

Daily Cost: \$0

Cumulative Cost: \$58,771

12/19/2012 Day: 5

Conversion

WWS #3 on 12/19/2012 - cont TIH tag fish top @5135 latch on to fish - cont TIH tag fish top @5135 latch on to fish release cont TOO H Breaking + redope every collar total 123 JTS LD 4 Drill collars + Jars Ld 35 JTS BHA TIH W/8 wash pipe LD 8 JTS wash pipe CWI @5:30. - cont TIH tag fish top @5135 latch on to fish release cont TOO H Breaking + redope every collar total 123 JTS LD 4 Drill collars + Jars Ld 35 JTS BHA TIH W/8 wash pipe LD 8 JTS wash pipe CWI @5:30.

Daily Cost: \$0

Cumulative Cost: \$65,076

12/20/2012 Day: 6

Conversion

WWS #3 on 12/20/2012 - TIH , test tbg. Pump PKR fl. Test csg -ck in am. - Put TIH W/ 2 3/8 re-entry Guide,2 3/8 X-N Nipple 4 X 2 3/8 pop JT 2 7/8 to 2 3/8 X over AS1 pkr on off tool psn + 123JTS wait on hot oiler pump 30bbbls did not catch pressure RU SL push Sv to psn pressure test tbg to 3000get good test @2:30, fish Sv ND BOPs land tbg W/B-1 adaptor flange pump 50 bbbls fresh water W/ pkr fluid set TAC W/ 15000 tension NU 3k JTS tree pressure csg up to 1500 psi check in AM. CWI @5:00. - Put TIH W/ 2 3/8 re-entry Guide,2 3/8 X-N Nipple 4 X 2 3/8 pop JT 2 7/8 to 2 3/8 X over AS1 pkr on off tool psn + 123JTS wait on hot oiler pump 30bbbls did not catch pressure RU SL push Sv to psn pressure test tbg to 3000get good test @2:30, fish Sv ND BOPs land tbg W/B-1 adaptor flange pump 50 bbbls fresh water W/ pkr fluid set TAC W/ 15000 tension NU 3k JTS tree pressure csg up to 1500 psi check in AM. CWI @5:00. - thaw out wellhead check pressure on well 1375, bumped up pressure to 1500 did not loose pressure in 45 minutes, good test. RDMO@ 11:00 - thaw out wellhead check pressure on well 1375, bumped up pressure to 1500 did not loose pressure in 45 minutes, good test. RDMO@ 11:00 - Put TIH W/ 2 3/8 re-entry Guide,2 3/8 X-N Nipple 4 X 2 3/8 pop JT 2 7/8 to 2 3/8 X over AS1 pkr on off tool psn + 123JTS wait on hot oiler pump 30bbbls did not catch pressure RU SL push Sv to psn pressure test tbg to 3000get good test @2:30, fish Sv ND BOPs land tbg W/B-1 adaptor flange pump 50 bbbls fresh water W/ pkr fluid set TAC W/ 15000 tension NU 3k JTS tree pressure csg up to 1500 psi check in AM. CWI @5:00. - Put TIH W/ 2 3/8 re-entry Guide,2 3/8 X-N Nipple 4 X 2 3/8 pop JT 2 7/8 to 2 3/8 X over AS1 pkr on off tool psn + 123JTS wait on hot oiler pump 30bbbls did not catch pressure RU SL push Sv to psn pressure test tbg to 3000get good test @2:30, fish Sv ND BOPs land tbg W/B-1 adaptor flange pump 50 bbbls fresh water W/ pkr fluid set TAC W/ 15000 tension NU 3k JTS tree pressure csg up to 1500 psi check in AM. CWI @5:00. - thaw out wellhead check pressure on well 1375, bumped up pressure to 1500 did not loose pressure in 45 minutes, good test. RDMO@ 11:00 - thaw out wellhead check pressure on well 1375, bumped up pressure to 1500 did not loose pressure in 45 minutes, good test. RDMO@ 11:00

Daily Cost: \$0

Cumulative Cost: \$101,974

12/28/2012 Day: 8

Conversion

Rigless on 12/28/2012 - Conduct initial MIT - On 12/19/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/20/2012 the casing was pressured up to 1005 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 240 psig during the test. There was not a State representative available to witness the test. - On 12/19/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/20/2012 the casing was pressured up to 1005 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 240 psig during the test. There was not a State representative available to witness the test.

Daily Cost: \$0

Cumulative Cost: \$193,654

Pertinent Files: [Go to File List](#)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096547
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: JONAH FED 16-14-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0657 FSL 0758 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 14 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013326980000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/21/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Put on Injection"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <p>The above reference well was put on injection at 2:30 PM on 01/21/2013.</p> </div> <div style="width: 35%; text-align: center;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>FOR RECORD ONLY</p> <p>January 24, 2013</p> </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 1/22/2013	

NEWFIELD



October 21, 2004

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Jonah Federal 13-14-9-16, 14-14-9-16, 16-14-9-16 and Federal 4-5-9-18.

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
OCT 25 2004
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

001

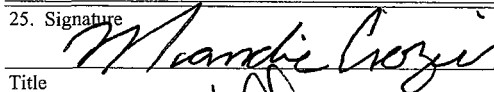

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-096547
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A Jonah
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Jonah Federal 16-14-9-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-32698
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/SE 657' FSL 758' FEL 578575X 40.025507 At proposed prod. zone 4430784Y - 110.079169		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 18.5 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area SE/SE Sec. 14, T9S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 657' f/lse, 657' f/unit	16. No. of Acres in lease 600.00	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1,385'	19. Proposed Depth 5880'	20. BLM/BIA Bond No. on file #4488944
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5626' GL	22. Approximate date work will start* 1st Quarter 2005	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 10/21/04
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL ENVIRONMENTAL SCIENTIST III	Date 11-01-04
Title		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

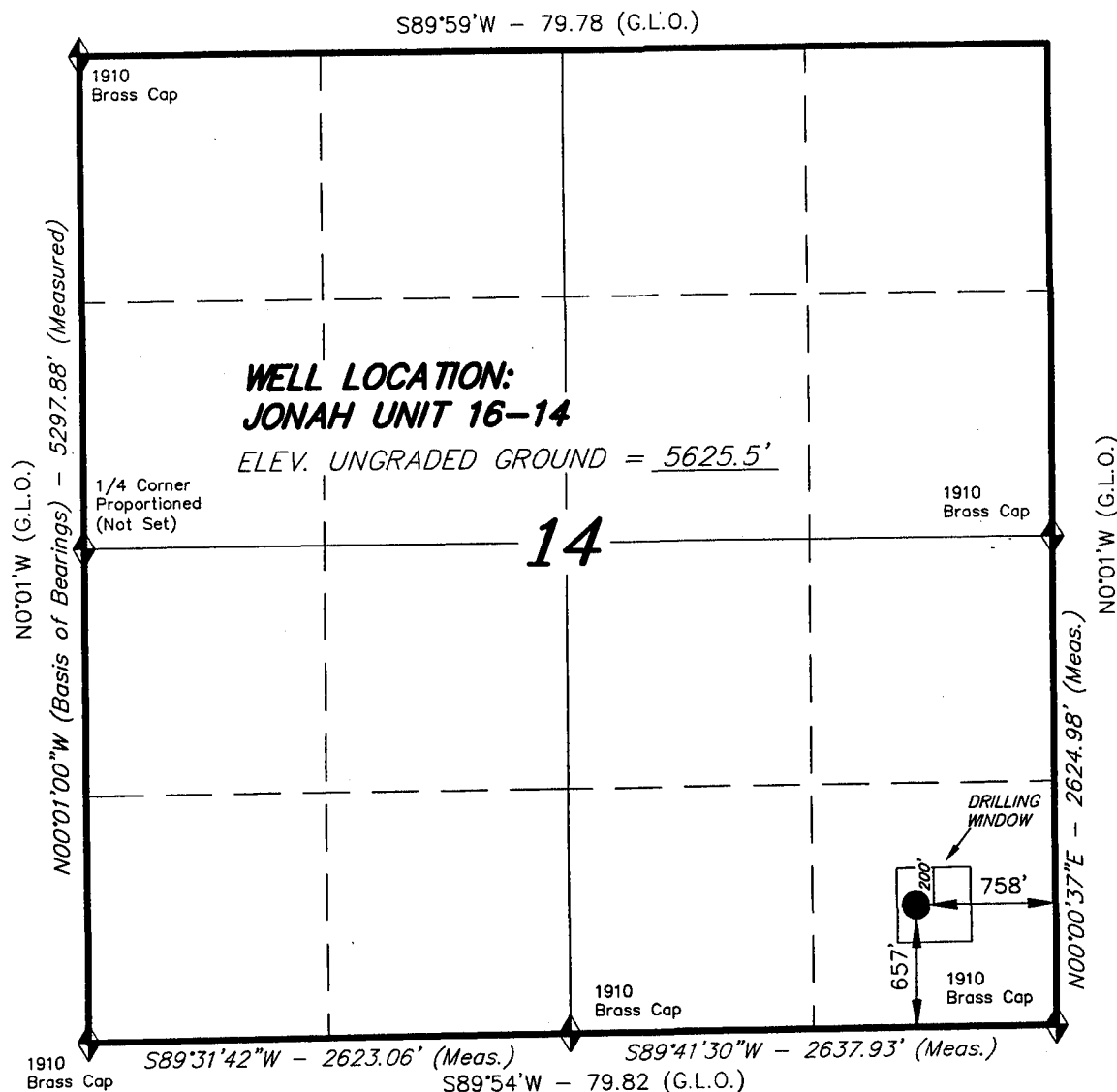
Federal Approval of the
Action is Necessary

RECEIVED
OCT 25 2004
DIV. OF OIL, GAS & MINING

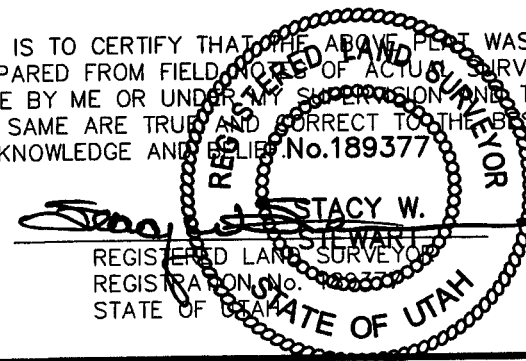
T9S, R16E, S.L.B.&M.

INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH UNIT 16-14,
LOCATED AS SHOWN IN THE SE 1/4 SE
1/4 OF SECTION 14, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: D.J.S.

DATE: 7-6-04

DRAFTED BY: F.T.M.

NOTES:

FILE #

NEWFIELD PRODUCTION COMPANY
JONAH FEDERAL #16-14-9-16
SE/SE SECTION 14, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 1640'
Green River	1880'
Wasatch	5880'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1880' - 5880' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY
JONAH FEDERAL #16-14-9-16
SE/SE SECTION 14, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Jonah Federal #16-14-9-16 located in the SE 1/4 SE 1/4 Section 14, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 12.6 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly and then southwesterly - 2.4 miles \pm to it's junction with an existing road to the south; proceed southerly - 1.9 miles \pm to it's junction with the beginning of the proposed access road; proceed along the proposed access road - 1.2 miles \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-44, 5/5/03. Paleontological Resource Survey prepared by, Wade E. Miller, 1/8/04. See attached report cover pages, Exhibit "D".

For the Jonah Federal #16-14-9-16 Newfield Production Company requests 350' of disturbed are be granted in Lease UTU-096550 and 1,220' of disturbed area be granted in Lease UTU-096547 to allow for construction of the proposed access road. **Refer to Topographic Map "B".** The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 350' of disturbed are be granted in Lease UTU-096550 and 1,220' of disturbed area be granted in Lease UTU-096547 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 1,220' of disturbed are be granted in Lease UTU-096550 and 1,220' of disturbed area be granted in Lease UTU-096547 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Possible Rapture nest – Dixie Sadler to advise.

Reserve Pit Liner

A 12 mil liner will be used at the operators discretion. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Black Sage	<i>Artemisia Nova</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	4 lbs/acre
Needle and Thread Grass	<i>Stipa Comata</i>	4 lbs/acre
Green Molly Summer Cyress	<i>Kochia American</i>	3 lbs/acre

Details of the On-Site Inspection

The proposed Jonah Federal #16-14-9-16 was on-sited on 5/19/04. The following were present; Brad Mecham (Newfield Production), David Gerbig (Newfield Production), and Byron Tolman (Bureau of Land Management). Weather conditions were clear at 70 degrees.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Brad Mecham
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #16-14-9-16 SE/SE Section 14, Township 9S, Range 16E: Lease UTU-096547 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

10/21/04

Date

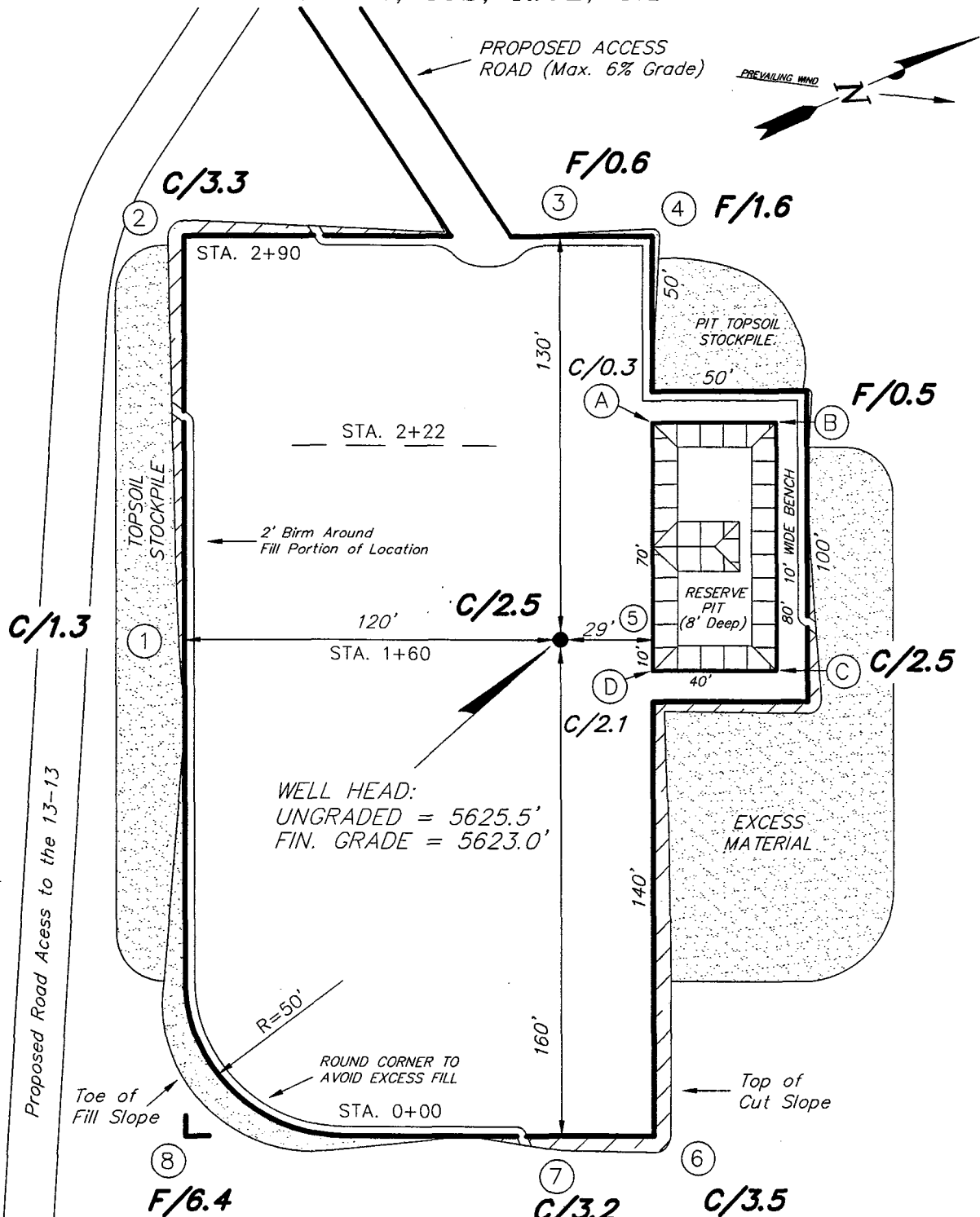
Mandie Crozier

Mandie Crozier
Regulatory Specialist
Newfield Production Company

INLAND PRODUCTION COMPANY

JONAH UNIT 16-14

Section 14, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

170' SOUTH = 5621.9'
 220' SOUTH = 5624.9'
 210' EAST = 5624.8'
 260' EAST = 5620.3'

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 7-8-04

Tri State
 Land Surveying, Inc.

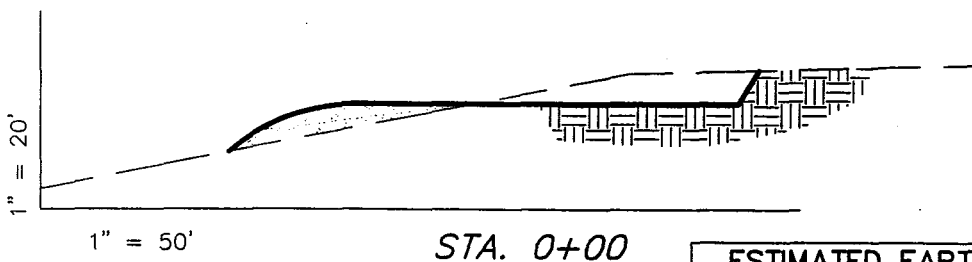
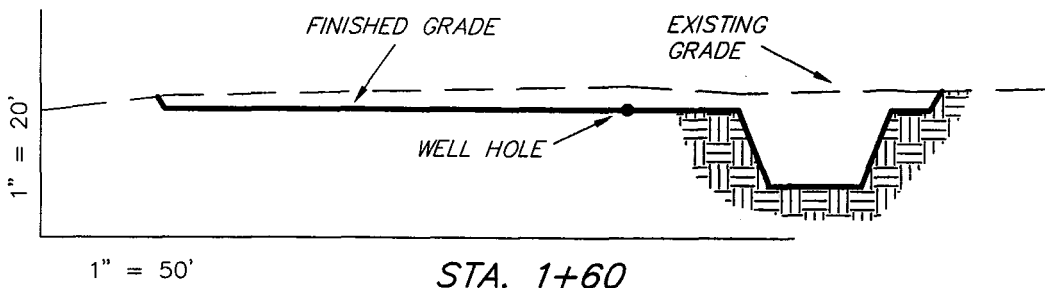
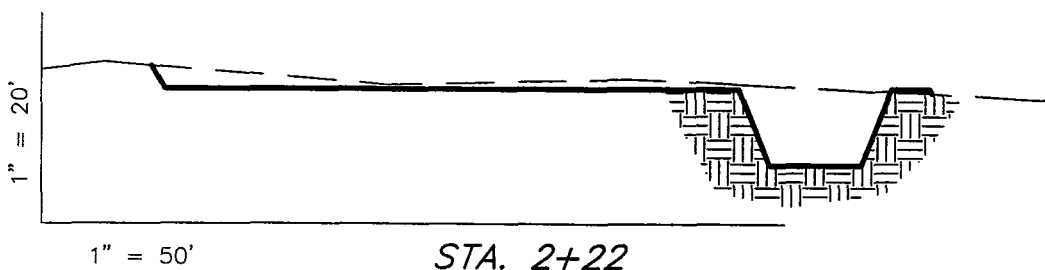
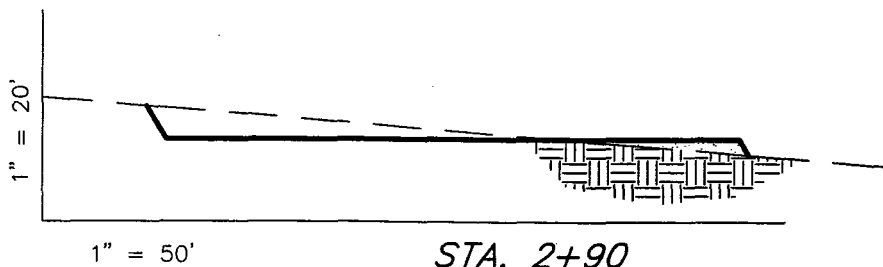
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

INLAND PRODUCTION COMPANY

CROSS SECTIONS

JONAH UNIT 16-14



NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,250	1,250	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	1,890	1,250	890	640

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 7-8-04

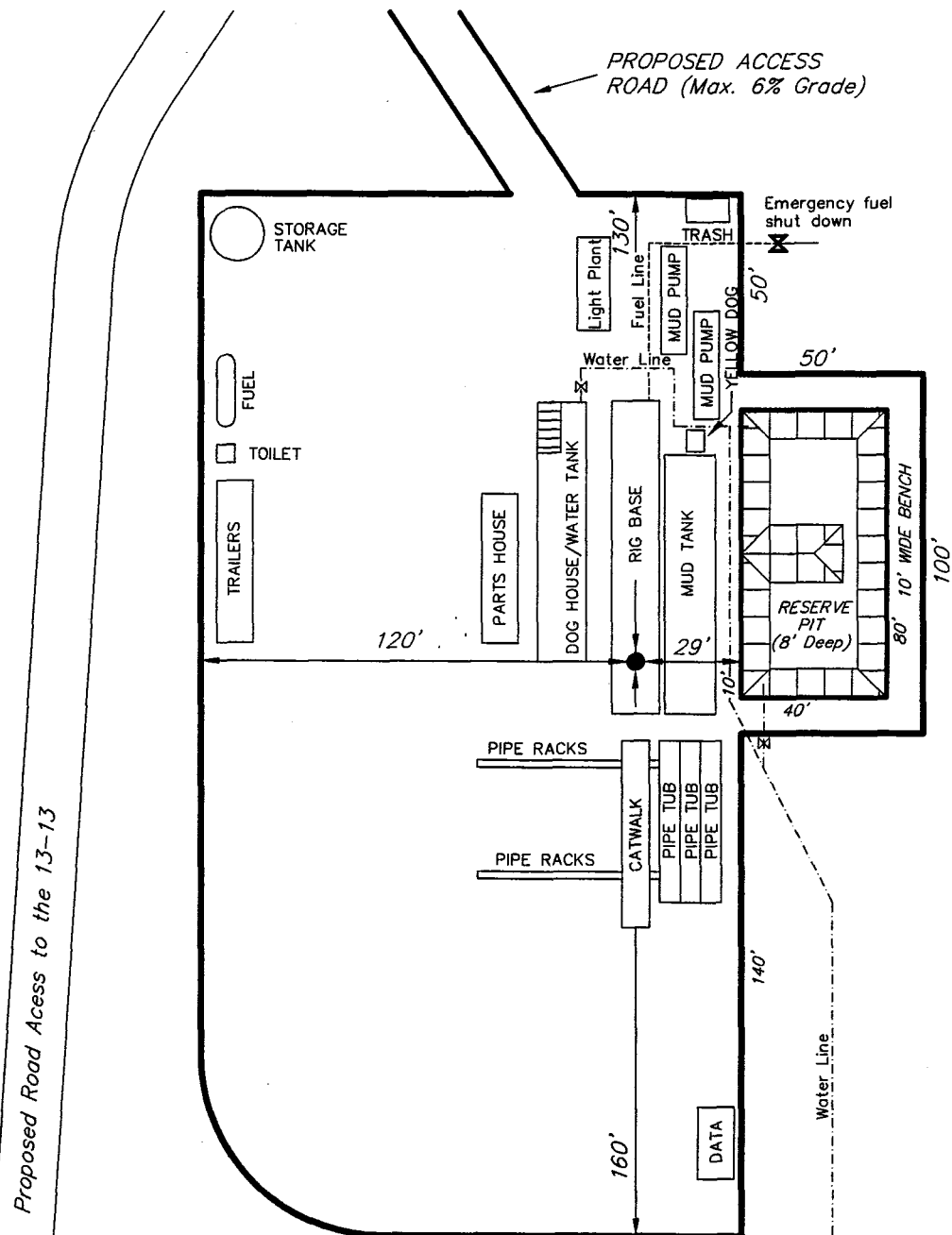
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

(435) 781-2501

INLAND PRODUCTION COMPANY

TYPICAL RIG LAYOUT

JONAH UNIT 16-14



SURVEYED BY: D.J.S.

SCALE: 1" = 50'

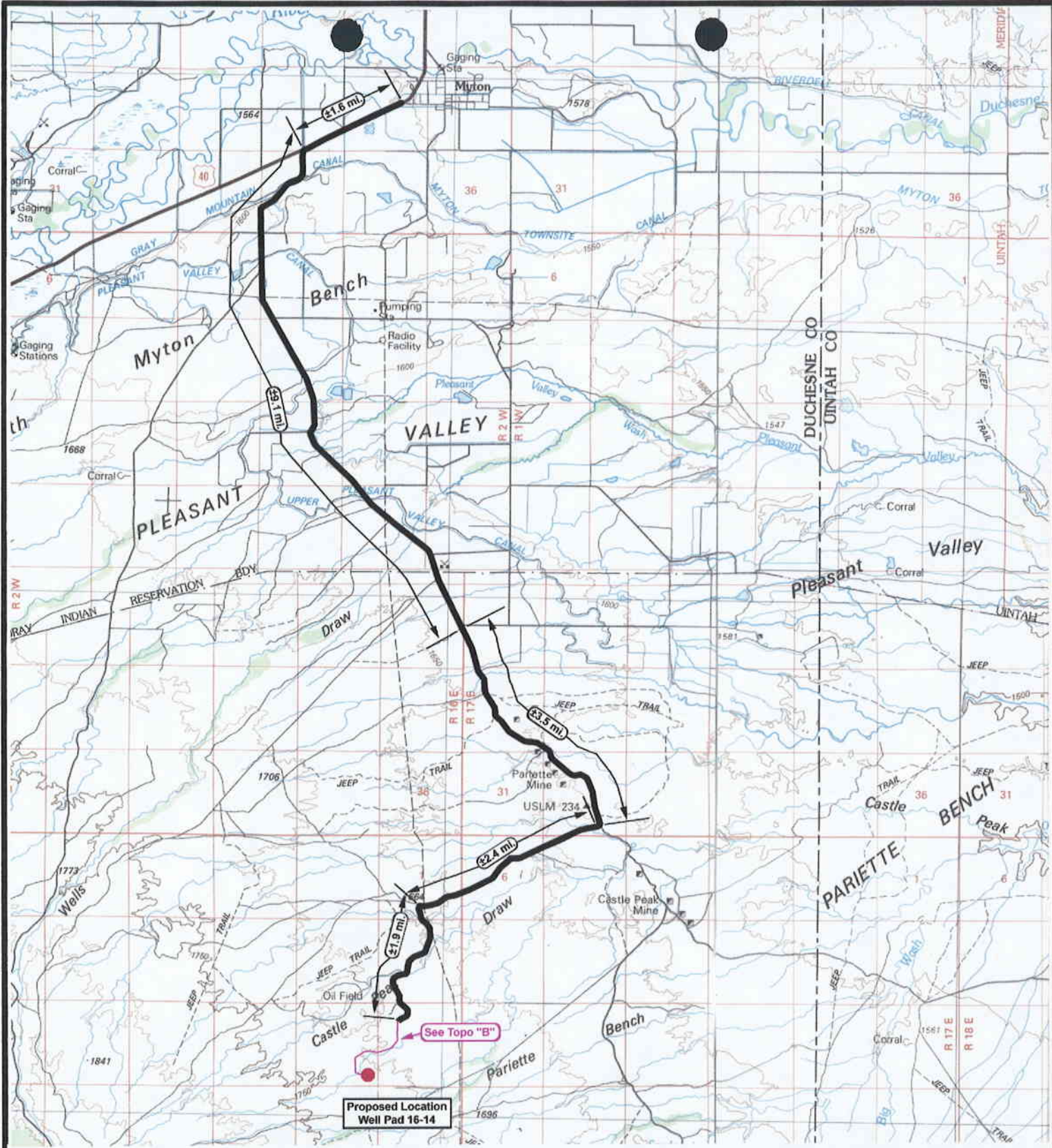
DRAWN BY: F.T.M.

DATE: 7-8-04

Tri State
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078



Jonah Unit 16-14-9-16
SEC. 14, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

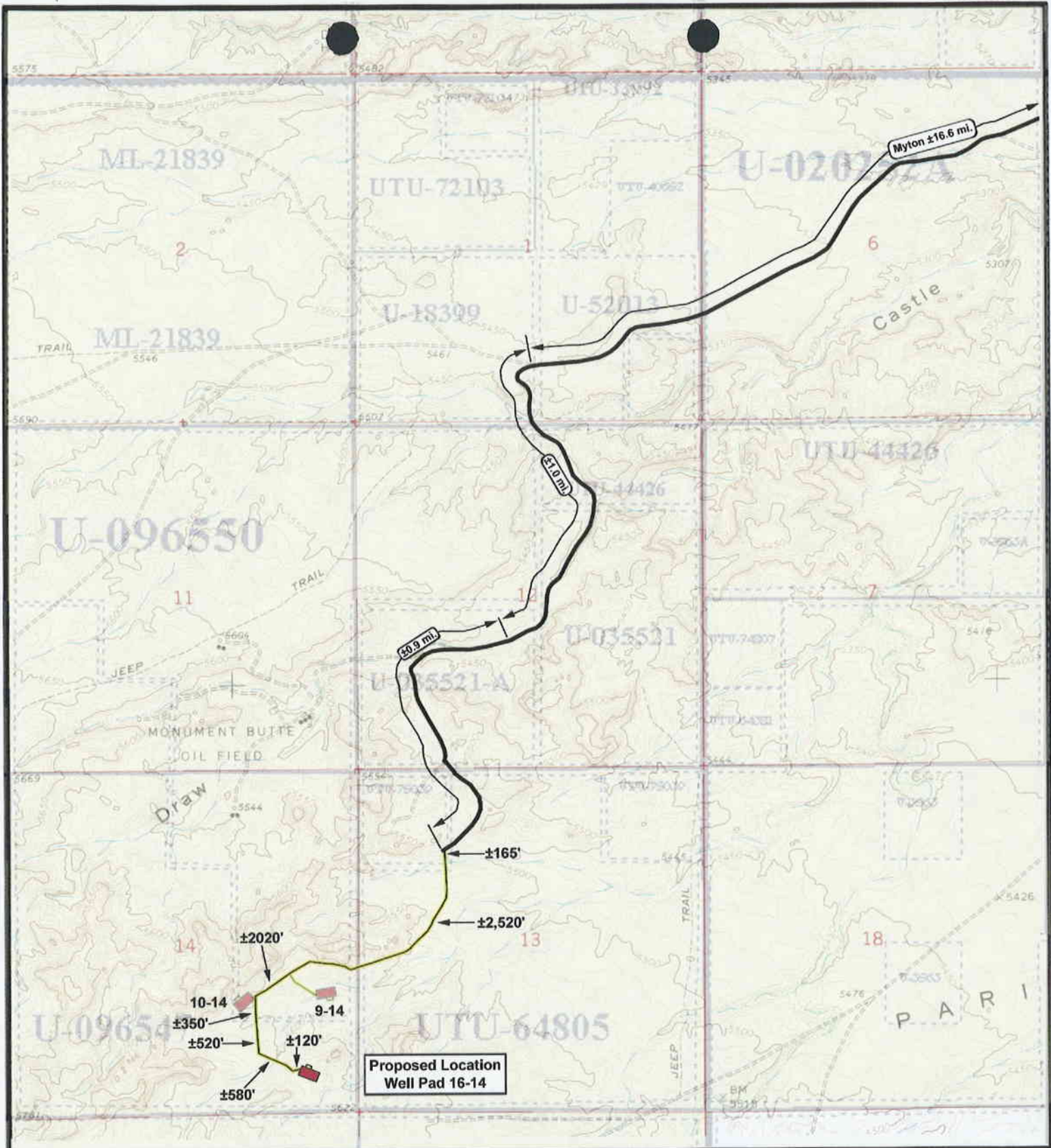
SCALE: 1 = 100,000
 DRAWN BY: bgm
 DATE: 08-31-2004

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"A"



**Federal 16-14-9-16
SEC. 14, T9S, R16E, S.L.B.&M.**

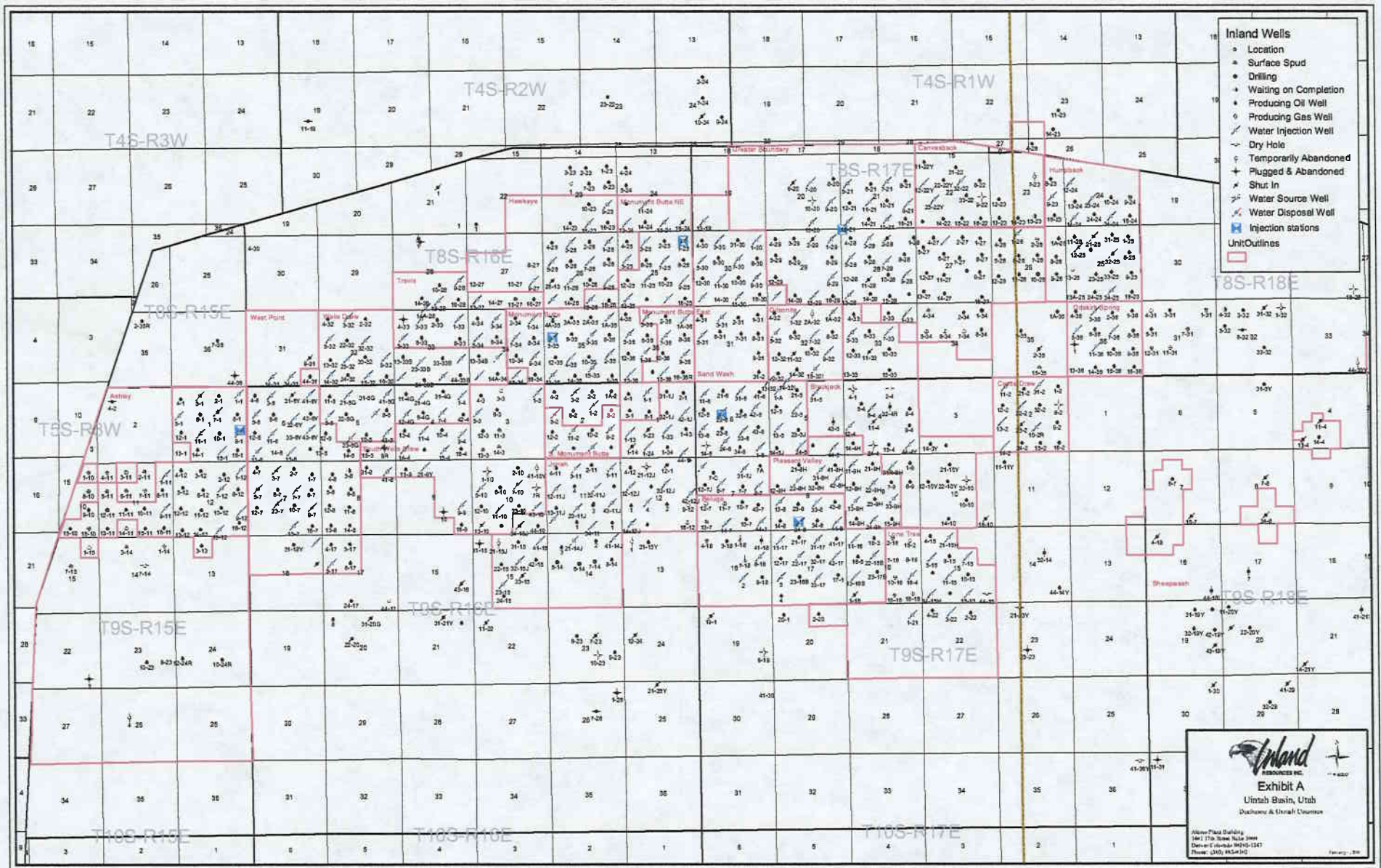


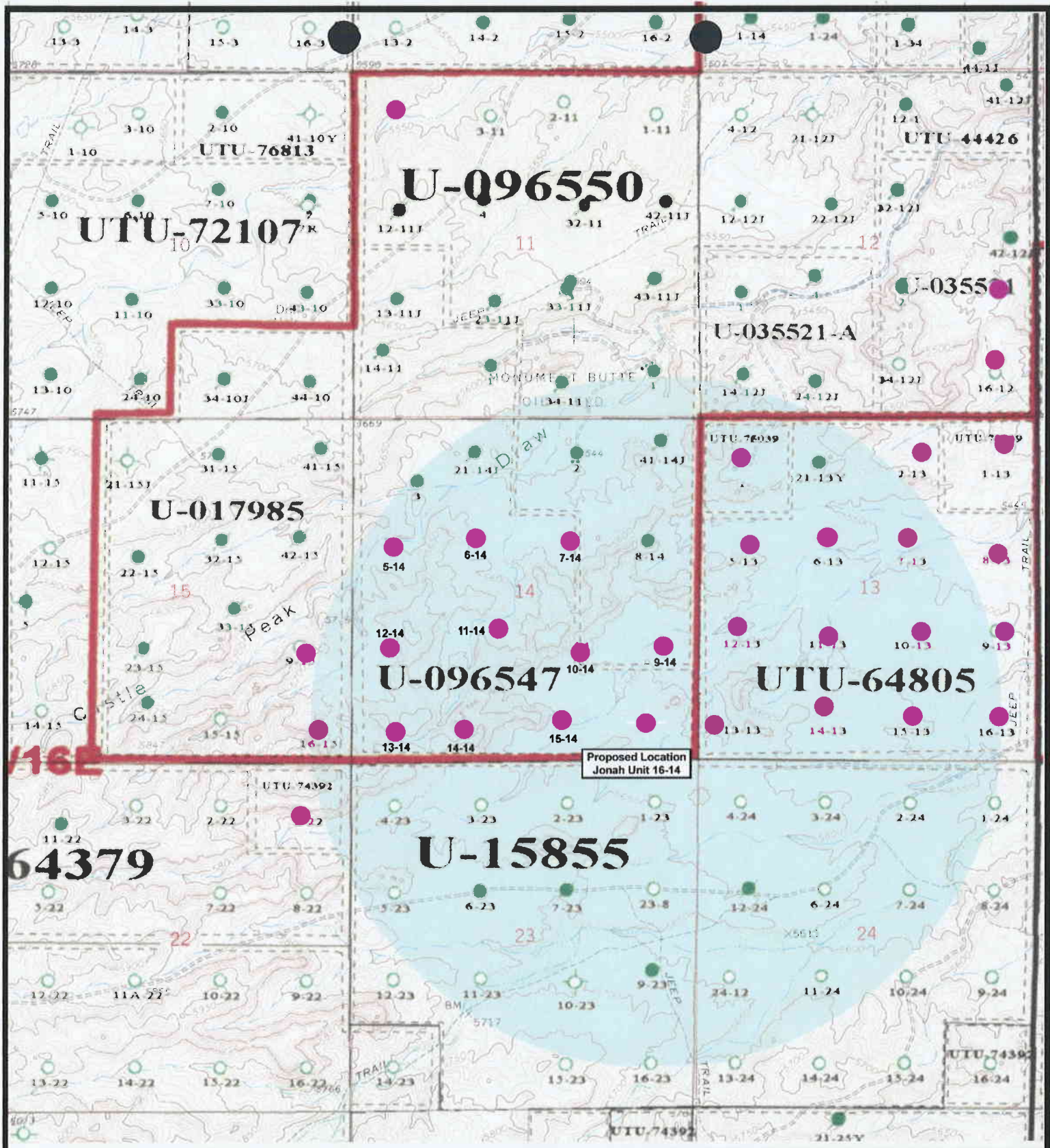
**Tri-State
Land Surveying Inc.**
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: bgm
DATE: 08-31-2004

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"B"





Jonah Unit 16-14
SEC. 14, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: bgm
DATE: 08-04-2004

Legend

- Well Locations
- One Mile Radius

Exhibit "B"

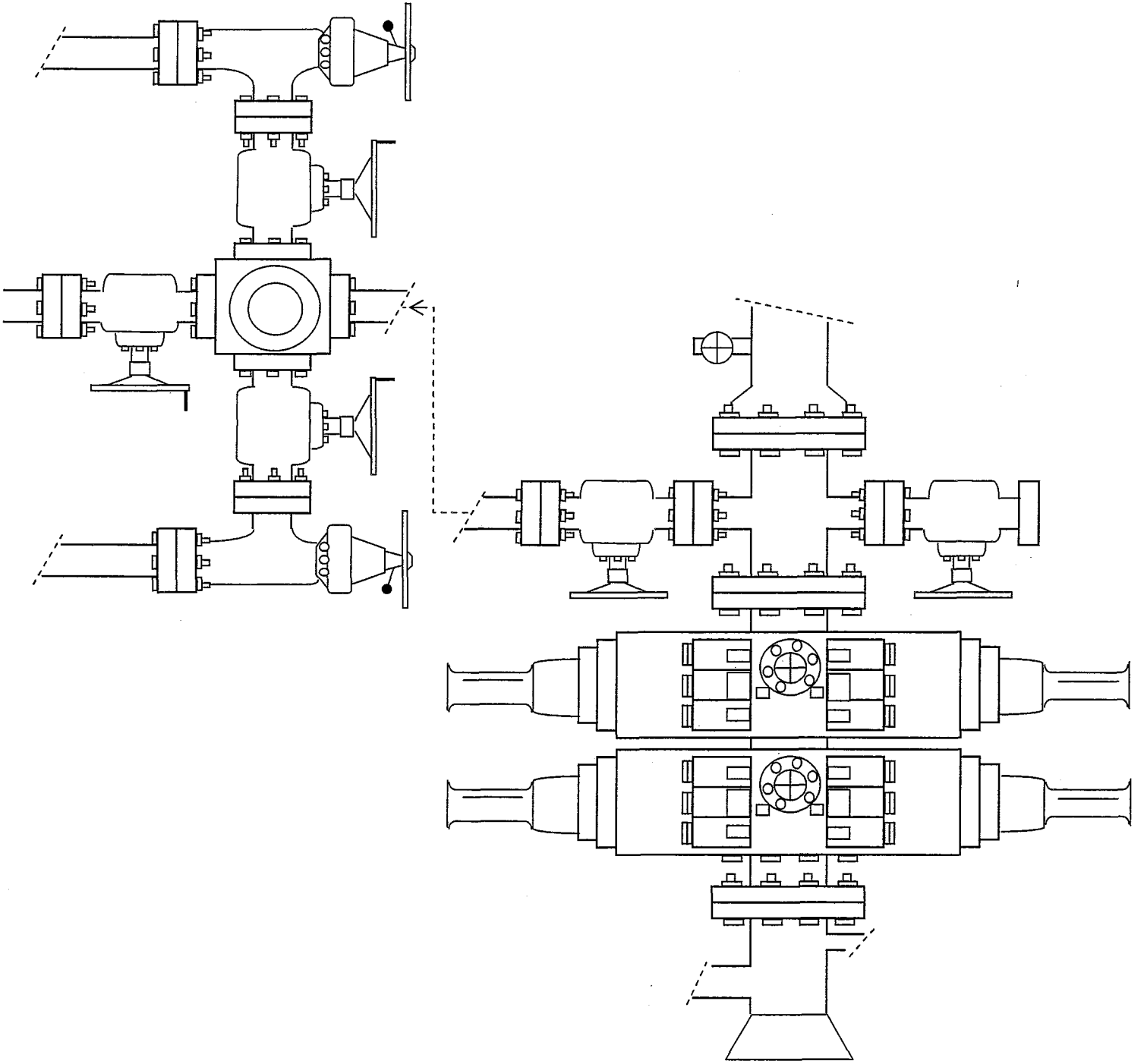


EXHIBIT C

2-M SYSTEM
Blowout Prevention Equipment Systems

CULTURAL RESOURCE INVENTORY OF INLAND
RESOURCES' BLOCK PARCELS (T9S, R16E, SEC. 13 & 14)
NEAR CASTLE PEAK DRAW, DUCHESNE COUNTY, UTAH.

by

Katie Simon
and
Keith Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Inland Resources
Route 3 Box 3630
Myton, UT 84052

Prepared By:

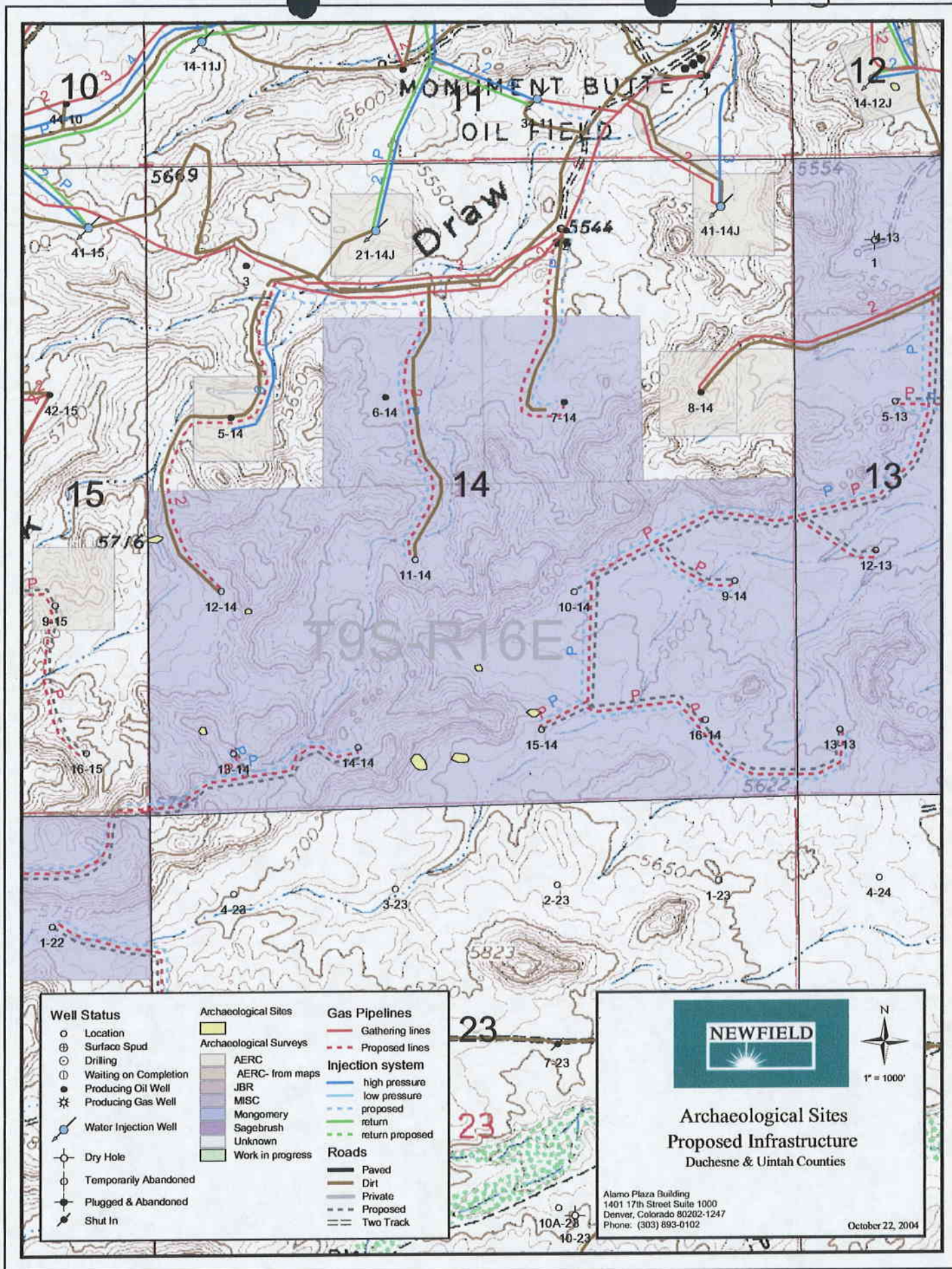
Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 04-44

May 5, 2003

United States Department of Interior (FLPMA)
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-04-MQ-0328b



INLAND RESOURCES, INC.

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

(NE 1/4, SE 1/4, Sec. 10, T 9 S, R 17 E; SE 1/4, NW 1/4 &
SW 1/4, NE 1/4, Sec. 29, T 8 S, R 17 E; South 1/2 Sec. 14
T 9 S, R 16 E; and NW 1/4, Sec. 13, T 9 S, R 16 E)

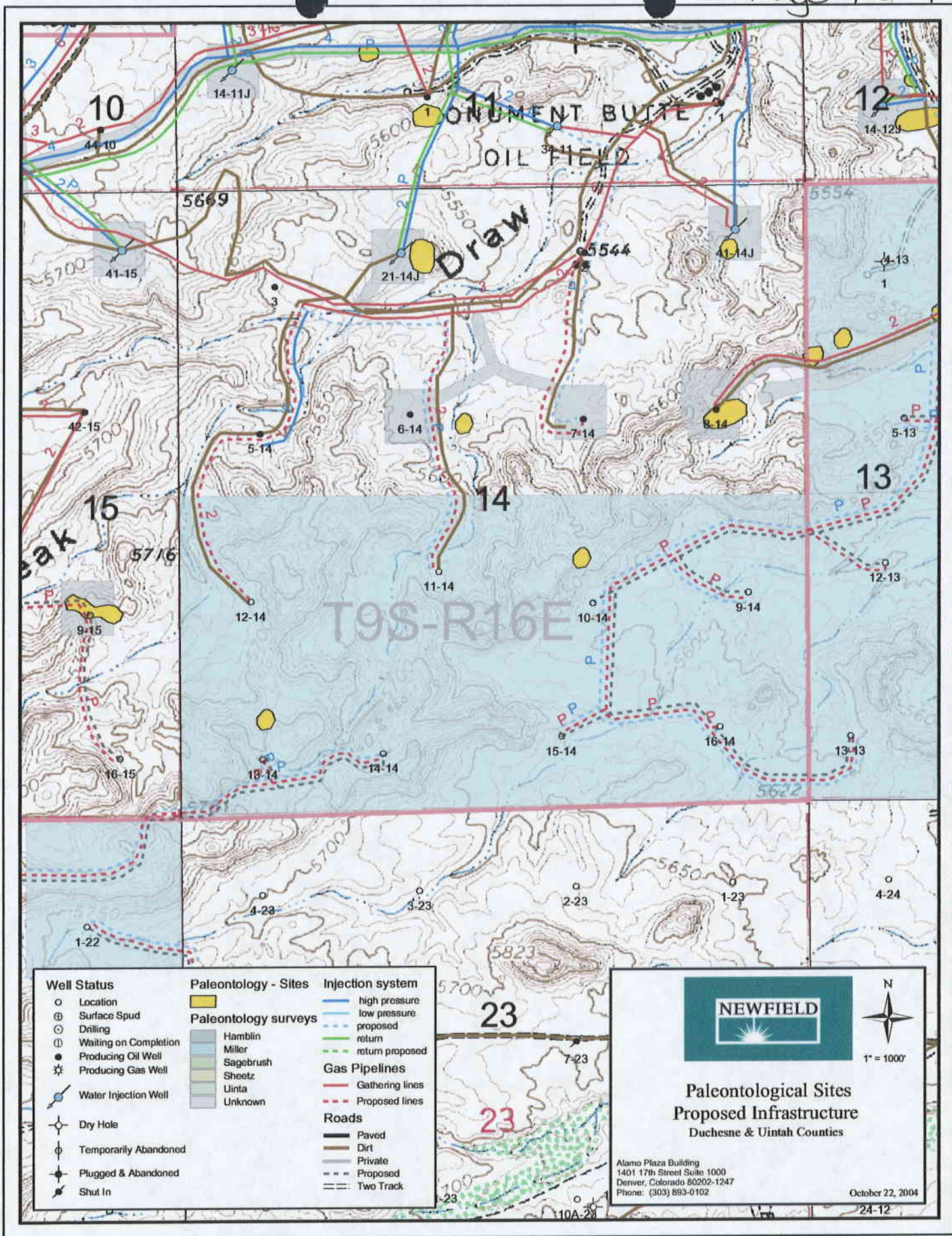
REPORT OF SURVEY

Prepared for:

Inland Resources, Inc.

Prepared by:

Wade E. Miller
Consulting Paleontologist
January 8, 2004



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/25/2004

API NO. ASSIGNED: 43-013-32698

WELL NAME: JONAH FED 16-14-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SESE 14 090S 160E

SURFACE: 0657 FSL 0758 FEL

BOTTOM: 0657 FSL 0758 FEL

DUCHESNE

MONUMENT BUTTE (105)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-096547

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.02551

LONGITUDE: -110.0792

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]
 (No. 4488944)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit
 (No. MUNICIPAL)

☒ RDCC Review (Y/N)
 (Date:)

☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

R649-2-3.

Unit JONAH (GREEN RIVER)

R649-3-2. General

Siting: 460' From Qtr/Qtr & 920' Between Wells

R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 228.2

Eff Date: 7-16-1993

Siting: 460' fr u bary & 920' fr other wells.

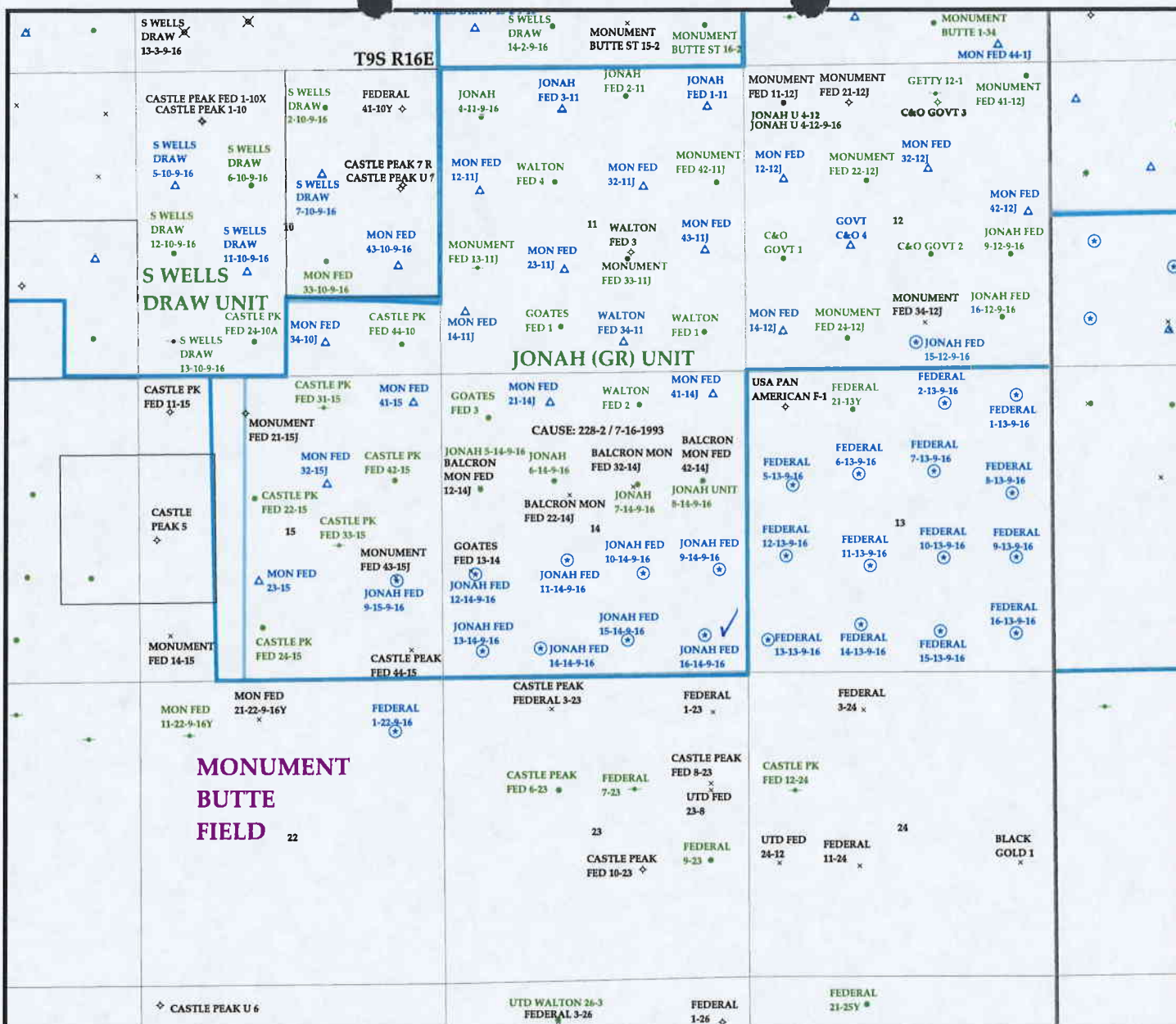
R649-3-11. Directional Drill

COMMENTS:

See Separate File

STIPULATIONS:

1- Federal Approval



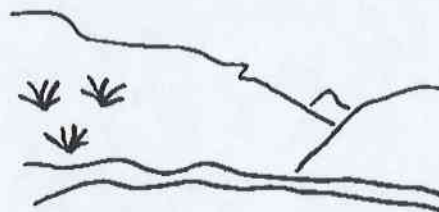
OPERATOR: NEWFIELD PROD CO (N2695)

SEC. 14 T.9S R.16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 228-2 / 7-16-1993



Utah Oil Gas and Mining

Wells	Units.shp	Fields.shp
✱ GAS INJECTION	EXPLORATORY	ABANDONED
✱ GAS STORAGE	GAS STORAGE	ACTIVE
✱ LOCATION ABANDONED	NF PP OIL	COMBINED
⊙ NEW LOCATION	NF SECONDARY	INACTIVE
✧ PLUGGED & ABANDONED	PENDING	PROPOSED
✱ PRODUCING GAS	PI OIL	STORAGE
✱ PRODUCING OIL	PP GAS	TERMINATED
✱ SHUT-IN GAS	PP GEOTHERML	
✱ SHUT-IN OIL	PP OIL	
✱ TEMP. ABANDONED	SECONDARY	
○ TEST WELL	TERMINATED	
△ WATER INJECTION		
◆ WATER SUPPLY		
♢ WATER DISPOSAL		



PREPARED BY: DIANA WHITNEY
DATE: 26-OCTOBER-2004

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

November 1, 2004

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2004 Plan of Development Jonah Unit, Duchesne
County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2004 within the Jonah Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Green River)

43-013-32696	Jonah Federal 13-14-9-16	Sec 14 T09S R16E 0484 FSL 0688 FWL
43-013-32697	Jonah Federal 14-14-9-16	Sec 14 T09S R16E 0507 FSL 1684 FWL
43-013-32698	Jonah Federal 16-14-9-16	Sec 14 T09S R16E 0657 FSL 0758 FEL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Jonah Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:11-1-04



State of Utah

Department of
Natural ResourcesROBERT L. MORGAN
*Executive Director*Division of
Oil, Gas & MiningLOWELL P. BRAXTON
*Division Director*OLENE S. WALKER
*Governor*GAYLE F. McKEACHNIE
Lieutenant Governor

November 1, 2004

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052Re: Jonah Federal 16-14-9-16 Well, 657' FSL, 758' FEL, SE SE, Sec. 14,
T. 9 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32698.

Sincerely,

A handwritten signature in cursive script, reading "John R. Baza".
John R. Baza
Associate Directorpab
Enclosurescc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Jonah Federal 16-14-9-16
API Number: 43-013-32698
Lease: UTU-096547

Location: SE SE Sec. 14 T. 9 South R. 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

RECEIVED
OCT 25 2004
BLM VERMILION, UTAH

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER			5. Lease Serial No. UTU-096547
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone			6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company			7. If Unit or CA Agreement, Name and No. N/A <i>Jonah</i>
3a. Address Route #3 Box 3630, Myton UT 84052		3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Jonah Federal 16-14-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/SE 657' FSL 758' FEL At proposed prod. zone			9. API Well No. 43-013-32698
14. Distance in miles and direction from nearest town or post office* Approximatley 18.5 miles southwest of Myton, Utah			10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 657' f/ise, 657' f/unit			11. Sec., T., R., M., or Blk. and Survey or Area SE/SE Sec. 14, T9S R16E
16. No. of Acres in lease 600.00			12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 40 Acres			13. State UT
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1,385'			20. BLM/BIA Bond No. on file #4488944
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5626' GL			23. Estimated duration Approximately seven (7) days from spud to rig release.
22. Approximate date work will start* 1st Quarter 2005			

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 10/21/04
Title Regulatory Specialist		
Approved by (Signature) <i>Ronald B. Cleary</i>	Name (Printed/Typed)	Date 06/23/2005
Title Assistant Field Manager Mineral Resources	Office	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

SEP 14 2005

DIV. OF OIL, GAS & MINING

4006M
NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

05JUN01504

No NOS

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Operator/Company: Newfield Production Co.

Well Name/Number: Federal 16-14- 9-16

API Number: 43-013-32698

Location: SESE Sec. 14 T. 9S R. 16E

Lease Number: UTU-096547

Agreement Name (If Applicable): N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware that fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

Please submit an electronic copy of all logs run on this well in LAS format. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF or other).

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Kirk Fleetwood (435) 828-7874
Petroleum Engineer

Michael Lee (435) 828-7875
Petroleum Engineer

BLM FAX Machine (435) 781-4410

No additional Surface COAs.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: JONAH FED 16-14-9-16

Api No: 43-013-32698 Lease Type: FEDERAL

Section 14 Township 09S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 24

SPUDDED:

Date 10/15/05

Time 10:00 AM

How DRY

Drilling will Commence: _____

Reported by JUSTIN CRUM

Telephone # 1-435-823-6733

Date 10/17/05 Signed CHD

RECEIVED

OCT 19 2005

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

DIV. OF OIL, GAS & MINING

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2685

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	14844	43-047-36014	FEDERAL 10-13-9-17	NWSE	13	9S	17E	UINTAH	10/12/05	10/20/05 - J
WELL 1 COMMENTS: GRRV											
A	99999	14995	43-013-32659	FEDERAL 2-13-9-16	NWNE	13	9S	16E	DUCHESNE	10/13/05	10/20/05 - J
WELL 2 COMMENTS: GRRV											
B	99999	14844	43-047-36011	FEDERAL 16-13-9-17	SESE	13	9S	17E	UINTAH	10/14/05	10/20/05 - J
WELL 3 COMMENTS: GRRV											
B	99999	11492	43-013-32698	JONAH FEDERAL 16-14-9-16	SESE	14	9S	16E	DUCHESNE	10/14/05	10/20/05 - J
WELL 4 COMMENTS: GRRV											
B	99999	14844	43-047-35703	FEDERAL 3-13-9-17	NENW	13	9S	17E	UINTAH	10/17/05	10/20/05 - J
WELL 5 COMMENTS: GRRV Sundance											
B	99999	14844	43-047-35701	FEDERAL 7-13-9-17	SWNE	13	9S	17E	UINTAH	10/18/05	10/20/05 - J
WELL 6 COMMENTS: GRRV Sundance											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or well unit)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Signature

Kim Kettle

Production Clerk
TitleOctober 19, 2006
Date

10/19/2005 13:19

4356453031

INLAND

PAGE 02

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address

Route 3 Box 3630
Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

657 FSL 758 FEL

SE/SE Section 14 T9S R16E

5. Lease Serial No.

UTU096547

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

JONAH UNIT

8. Well Name and No.

JONAH FEDERAL 16-14-9-16

9. API Well No.

4301332698

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10-14-05 MIRU Ross # 24. Spud well @ 10:00 AM. Drill 303' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 310.02 KB. On 10/16/05 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 4 bbls cement to pit. WOC.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)
Justin Crum

Signature

Title

Drilling Foreman

Date

10/21/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

OCT 24 2005

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 310.02

LAST CASING 8 5/8" SET / 310.02
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD.DRILLER 303 LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Jonah 16-14-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross Rig # 24

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 38.76'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	302.62
		GUIDE shoe			8rd	A	0.9

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	300.02
TOTAL LENGTH OF STRING	300.02	7	LESS CUT OFF PIECE	2
LESS NON CSG. ITEMS	1.85		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	0		CASING SET DEPTH	310.02
TOTAL	298.17	7	} COMPARE	
TOTAL CSG. DEL. (W/O THRDS)	298.17	7		
TIMING	1ST STAGE			
BEGIN RUN CSG. Spud	10/14/2005		GOOD CIRC THRU JOB	Yes
CSG. IN HOLE	10/14/2005		Bbls CMT CIRC TO SURFACE	4
BEGIN CIRC	9/29/2005		RECIPROCATED PIPE FOR	THRU FT STROKE
BEGIN PUMP CMT	9/29/2005			
BEGIN DSPL. CMT	9/29/2005		BUMPED PLUG TO	100 PSI
PLUG DOWN	9/29/2005			

CEMENT USED	CEMENT COMPANY- B. J.		
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield	

CENTRALIZER & SCRATCHER PLACEMENT	SHOW MAKE & SPACING
Centralizers - Middle first, top second & third for 3	

COMPANY REPRESENTATIVE Justin Crum DATE 10/17/2005

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Newfield Production Company

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone No. (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
657 FSL 758 FEL
SE/SE Section 14 T9S R16E

5. Lease Serial No.

UTU096547

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

JONAH UNIT

8. Well Name and No.

JONAH FEDERAL 16-14-9-16

9. API Well No.

4301332698

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10/17/05 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5815'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 130 jt's of 5.5 J-55, 15.5# csgn. Set @ 5803' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned all spacers reserve pit. Nipple down Bop's. Drop slips @ 80,000 #'s tension. Release rig @ 6:30 AM on 10/22/05.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)

Justin Crum

Signature

Title

Drilling Foreman

Date

10/23/2005

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

OCT 25 2005

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5803.67

Fit cllr @ 5760.15

LAST CASING 8 5/8" SET AT 310'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Jonah Federal 16-14-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # NDSI # 1

TD DRILLER 5815' LOGGER 5814'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 3742 (6.32')					
129	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5746.15
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	44.27
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.			FEET	JTS	TOTAL LENGTH OF STRING		5805.67
TOTAL LENGTH OF STRING			5805.67	130	LESS CUT OFF PIECE		14
LESS NON CSG. ITEMS			15.25		PLUS DATUM TO T/CUT OFF CSG		12
PLUS FULL JTS. LEFT OUT			135.3	3	CASING SET DEPTH		5803.67
TOTAL			5925.72	133	} COMPARE		
TOTAL CSG. DEL. (W/O THRDS)			5925.72	133			
TIMING			1ST STAGE	2nd STAGE			
BEGIN RUN CSG.			10/22/2005	12:30 AM	GOOD CIRC THRU JOB <u>Yes</u>		
CSG. IN HOLE			10/22/2005	3:30 AM	Bbls CMT CIRC TO SURFACE <u>Trace</u>		
BEGIN CIRC			10/22/2005	3:30 AM	RECIPROCATED PIPE FOR <u>THRUSTROKE</u> NA		
BEGIN PUMP CMT			10/22/2005	4:40 AM	DID BACK PRES. VALVE HOLD ? <u>Yes</u>		
BEGIN DSPL. CMT			10/22/2005	5:47 AM	BUMPED PLUG TO <u>1671</u> PSI		
PLUG DOWN			10/22/2005	6:13 AM			
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	300	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	425	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT				SHOW MAKE & SPACING			
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Justin Crum

DATE 10/22/2005

RECEIVED

OCT 25 2005

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Newfield Production Company

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone No. (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
657 FSL 758 FEL
SE/SE Section 14 T9S R16E

5. Lease Serial No.

UTU096547

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

JONAH UNIT

8. Well Name and No.

JONAH FEDERAL 16-14-9-16

9. API Well No.

4301332698

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injector

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug & Abandon

☐ Plug Back

☐ Production(Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☒ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other _____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)
Mandie Crozier

Signature

Title

Regulatory Specialist

Date

11/15/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Office

Date

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any Federal land manager of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

RECEIVED

NOV 16 2005

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUBMIT IN TRIPLICATE - Other Instructions on reverse side		5. Lease Serial No. UTU096547
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name.
2. Name of Operator Newfield Production Company		7. If Unit or CA/Agreement, Name and/or No. JONAH UNIT
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone No. (include are code) 435.646.3721	8. Well Name and No. JONAH FEDERAL 16-14-9-16
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 657 FSL 758 FEL SE/SE Section 14 T9S R16E		9. API Well No. 4301332698
		10. Field and Pool, or Exploratory Area Monument Butte
		11. County or Parish, State Duchesne, UT

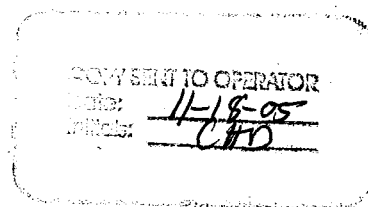
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Variance _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production Company is requesting a variance from Onshore Order 43 CFR Part 3160 Section 4 requiring production tanks to be equipped with Enardo or equivalent vent line valves. Newfield operates wells that produce from the Green River formation, which are relatively low gas producers (20 mcfpd). The majority of the wells are equipped with a three phase separator to maximize gas separation and sales.

Newfield is requesting a variance for safety reasons. Crude oil production tanks equipped with back pressure devices will emit a surge of gas when the thief hatches are open. While gauging tanks, lease operators will be subject to breathing toxic gases as well as risk a fire hazard, under optimum conditions



I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 11/15/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
--	--

Approved by Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Accepted by the Utah Division of Oil, Gas and Mining Office Date: 11/17/05	Date Federal Approval Of This Action Is Necessary
--	--	---

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

NOV 16 2005

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include are code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

657 FSL 758 FEL

SE/SE Section 14 T9S R16E

5. Lease Serial No.

UTU096547

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

JONAH UNIT

8. Well Name and No.

JONAH FEDERAL 16-14-9-16

9. API Well No.

4301332698

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Status report for time period 11/08/05 - 11/14/05

Subject well had completion procedures intiated in the Green River formation on 11-08-05 without the use of a service rig over the well. A cement bond log was run and a total of four Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5374'-5380'); Stage #2 (5122'-5132'); Stage #3 (4942'-4954'), (4916'-4921'); Stage #4(4036'-4042'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 11-10-2005. Bridge plugs were drilled out and well was cleaned to 5744'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 11-14-2005.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)
Lana Nebeker

Signature

Title

Production Clerk

Date

11/21/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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Title

Office

Date

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(Instructions on reverse)

RECEIVED

NOV 22 2005

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL
WELL ☒GAS
WELL ☐DRY ☐

Other _____

1b. TYPE OF WELL

NEW
WELL ☒WORK
OVER ☐DEEPEN ☐PLUG
BACK ☐DIFF
RESVR. ☐

Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.*)

At Surface 657' FSL & 758' FEL (SE/SE) Sec. 14, T9S, R16E

At top prod. Interval reported below

At total depth

14. API NO.

43-013-32698

DATE ISSUED

11/4/04

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUDDED

10/14/05

16. DATE T.D. REACHED

10/21/05

17. DATE COMPL. (Ready to prod.)

11/14/05

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5626' GL

5638' KB

19. ELEV. CASING HEAD

20. TOTAL DEPTH, MD & TVD

5815'

21. PLUG BACK T.D., MD & TVD

5758'

22. IF MULTIPLE COMPL.
HOW MANY*23. INTERVALS
DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S) OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4036'-5380'

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	310'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5804'	7-7/8"	300 sx Premlite II and 425 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5458'	TA @ 5359'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP2) 5374'-5380"	.46"	4/24	5374'-5380'	Frac w/ 24,617# 20/40 sand in 360 bbls fluid
(LODC) 5122'-5132'	.46"	4/40	5122'-5132'	Frac w/ 34,329# 20/40 sand in 394 bbls fluid
(A3&1) 4942'-4954', 4916'-4921'	.46"	4/68	4916'-4954'	Frac w/ 75,312# 20/40 sand in 591 bbls fluid
(GB6) 4036'-4042'	.46"	4/24	4036'-4042'	Frac w/ 25,272# 20/40 sand in 301 bbls fluid

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)					WELL STATUS (Producing or shut-in)	
11/14/05		2-1/2" x 1-1/2" x 15' RHAC SM Plunger Pump					PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF	WATER--BBL.		GAS-OIL RATIO
30 day ave			----->	11	22	39		2000
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF		WATER--BBL.		OIL GRAVITY- API (CORR.)
		----->						RECEIVED

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

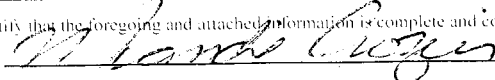
TEST WITNESSED BY

DEC 22 2005

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED



Mandie Crozier

TITLE

Regulatory Specialist

DATE

12/21/2005

(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Jonah Federal 16-14-9-16	Garden Gulch Mkr	3468'	
				Garden Gulch 1	3674'	
				Garden Gulch 2	3788'	
				Point 3 Mkr	4055'	
				X Mkr	4300'	
				Y-Mkr	4337'	
				Douglas Creek Mkr	4458'	
				BiCarbonate Mkr	4694'	
				B Limestone Mkr	4804'	
				Castle Peak	5318'	
				Basal Carbonate	5748'	
				Total Depth (LOGGERS	5814'	



July 13, 2010

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Jonah Federal #16-14-9-16
Monument Butte Field, Lease #UTU-096547
Section 14-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Jonah Federal #16-14-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg".

Eric Sundberg
Regulatory Lead

RECEIVED
JUL 26 2010
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
JONAH FEDERAL #16-14-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-096547
JULY 13, 2010

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COMPLETED RULE R615-5-2 QUESTIONNAIRE	
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ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
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ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
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ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: Jonah Federal 16-14-9-16
Field or Unit name: Monument Butte (Green River) Lease No. UTU-096547
Well Location: QQ SESE section 14 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? Yes [X] No []

Will the proposed well be used for: Enhanced Recovery? Yes [X] No []
 Disposal? Yes [] No [X]
 Storage? Yes [] No [X]

Is this application for a new well to be drilled? Yes [] No [X]

If this application is for an existing well,
has a casing test been performed on the well? Yes [] No [X]


Date of test: _____
API number: 43-013-32698

Proposed injection interval: from 3786 to 5758
Proposed maximum injection: rate 500 bpd pressure 1804 psig
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should
 accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature 
Title Regulatory Lead Date 7/16/10
Phone No. (303) 893-0102

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

Jonah Federal 16-14-9-16

Spud Date: 10-14-05
Put on Production: 11-14-05
GL: 5626' KB: 5638'

Initial Production: BOPD,
MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (302.62')
DEPTH LANDED: 310.02' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 130 jts (5790.42')
DEPTH LANDED: 5803.67' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP AT: 270'

TUBING

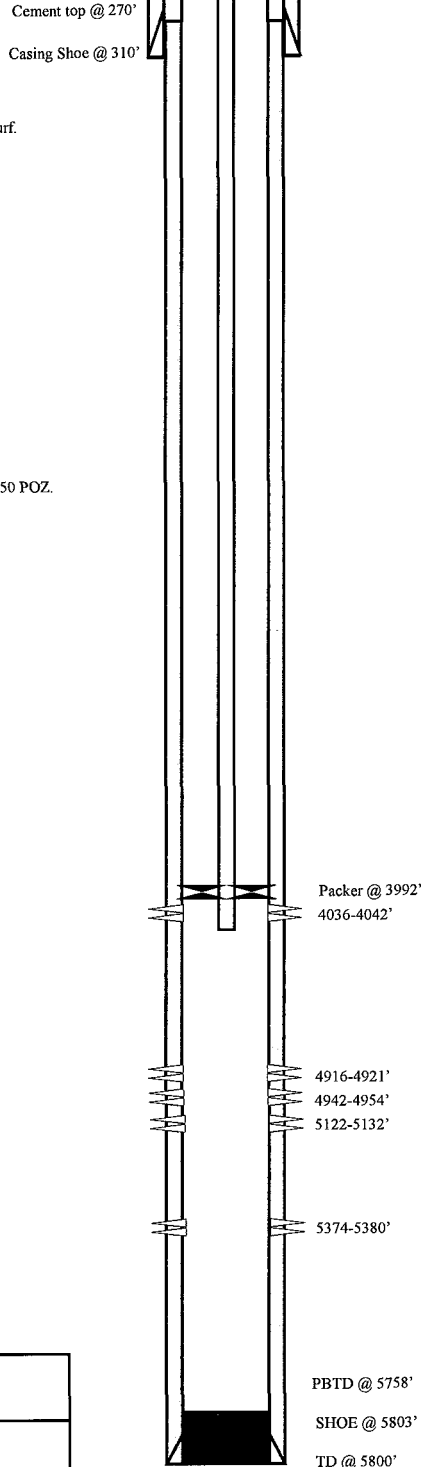
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 166 jts (5347.02')
TUBING ANCHOR: 5359.02' KB
NO. OF JOINTS: 1 jts (31.43')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5393.25' KB
NO. OF JOINTS: 2 jts (62.75')
TOTAL STRING LENGTH: EOT @ 5457.55' KB

FRAC JOB

11-08-05	5374-5380'	Frac CP2 sands as follows: 24617# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2689 psi w/avg rate of 24.8 BPM. ISIP 3370 psi. Calc flush: 5372 gal. Actual flush: 4956 gal.
11-08-05	5122-5132'	Frac L.ODC sands as follows: 34329# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 2632 psi w/avg rate of 24.8 BPM. ISIP 2720 psi. Calc flush: 5120 gal. Actual flush: 4830 gal.
11-09-05	4916-4954'	Frac A1, & A3 sands as follows: 75312# 20/40 sand in 591 bbls Lightning 17 frac fluid. Treated @ avg press of 1787 psi w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc flush: 4914 gal. Actual flush: 3906 gal.
11-09-5	4036-4042'	Frac GB6 sands as follows: 25272# 20/40 sand in 301 bbls Lightning 17 frac fluid. Treated @ avg press of 2043 w/ avg rate of 24.7 BPM. ISIP 1830 psi. Calc flush: 4034 gal. Actual flush: 3948 gal.
6/8/09		Pump Change. Updated rod & tubing details.

PERFORATION RECORD

11-01-05	5374-5380'	4 JSPF	24 holes
11-08-05	5122-5132'	4 JSPF	40 holes
11-08-05	4942-4954'	4 JSPF	48 holes
11-08-05	4916-4921'	4 JSPF	20 holes
11-09-05	4036-4042'	4 JSPF	24 holes



NEWFIELD

Jonah Federal 16-14-9-16

657' FSL & 758' FEL

SE/SE Section 14-T9S-R16E

Duchesne Co, Utah

API #43-013-32698; Lease #UTU-096547

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Jonah Federal #16-14-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Jonah Federal #16-14-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3786' - 5758'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3466' and the TD is at 5800'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Jonah Federal #16-14-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-096547) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refilled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 310' KB, and 5-1/2", 15.5# casing run from surface to 5804' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1804psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Jonah Federal #16-14-9-16, for existing perforations (4036' - 5380') calculates at 0.89 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1804 psig. We may add additional perforations between 3466' and 5800'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Jonah Federal #16-14-9-16, the proposed injection zone (3786' - 5758') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-14.

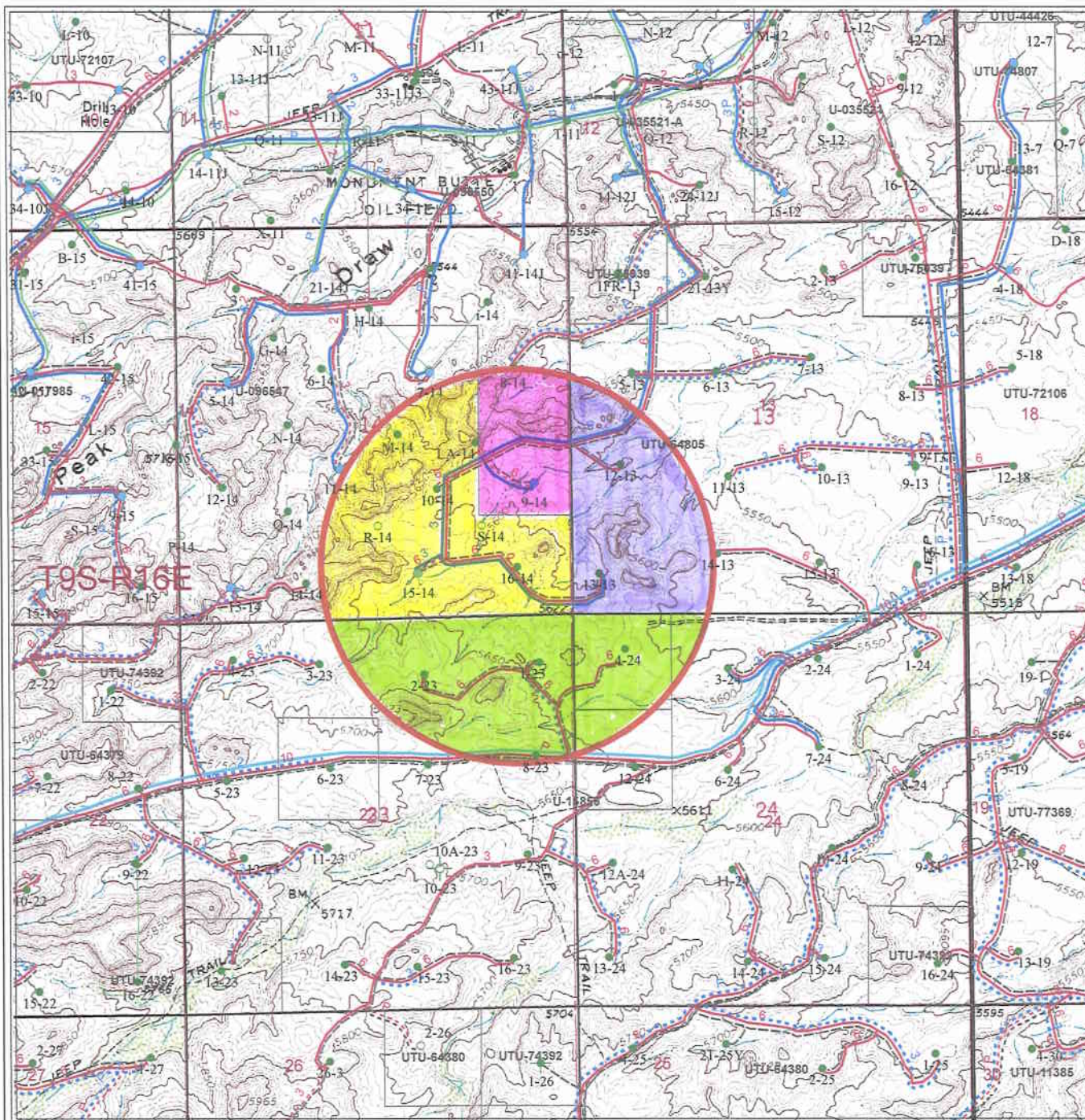
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



- 16-14-9-16 1/2mile radius**
- Well Status**
- Location
 - CTI
 - Surface Spud
 - Drilling
 - Waiting on Completion
 - Producing Oil Well
 - Producing Gas Well
 - Water Injection Well
 - Dry Hole
 - Temporarily Abandoned
 - Plugged & Abandoned
 - Shut In
 - Countyline
- Injection system**
- high pressure
 - low pressure
 - proposed
 - return
 - return proposed
- Leases**
- Leases
 - Mining tracts
- Gas Pipelines**
- Gathering lines
 - Proposed lines

UTU-096547

UTU-15855

UTU-64805

UTU-096550

ATTACHMENT A

Jonah Federal 16-14-9-16
Section 14, T9S-R16E

NEWFIELD
ROCKY MOUNTAINS



1" = 2000'

1/2 Mile Radius Map
Duchesne & Uintah Counties

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

June 22, 2010

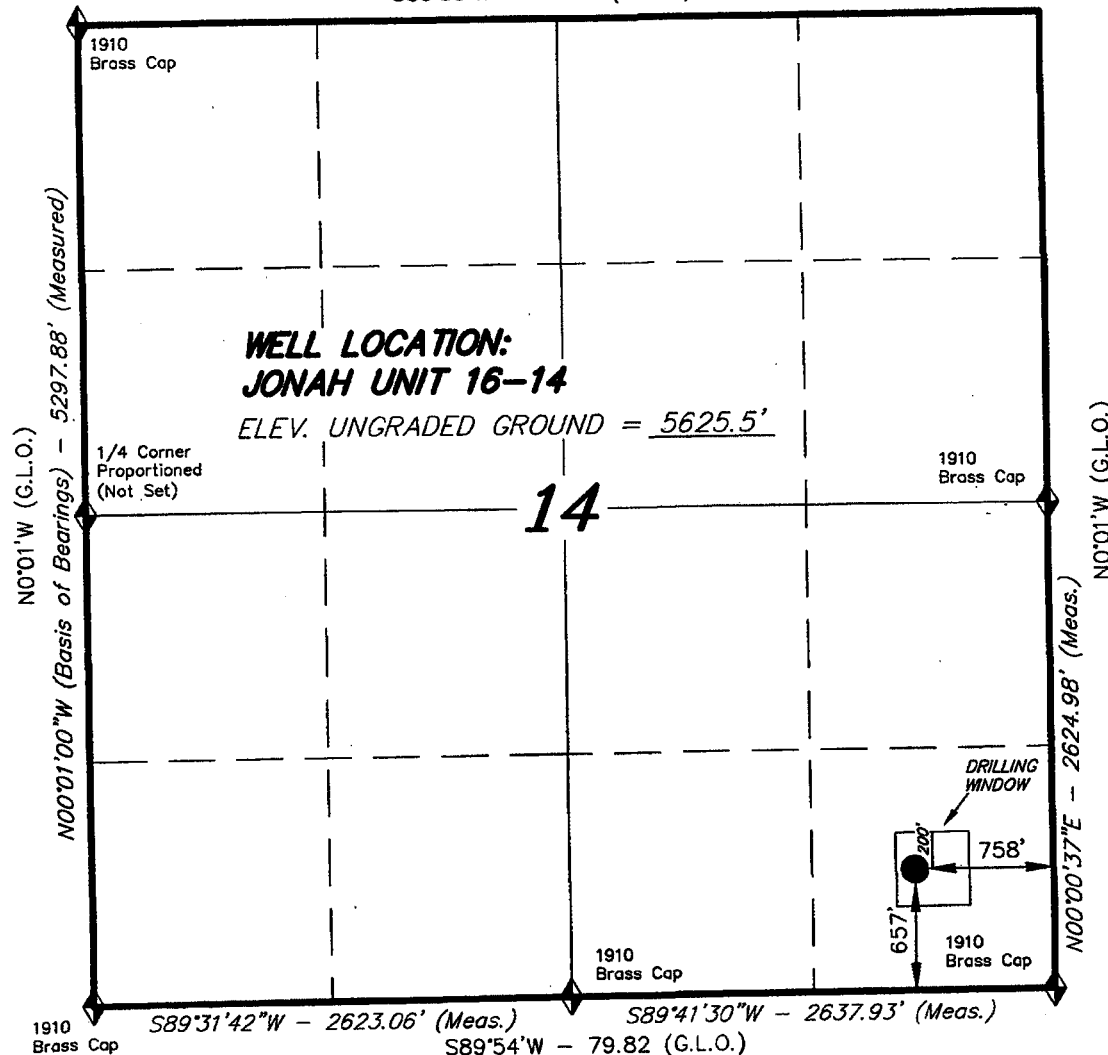
T9S, R16E, S.L.B.&M.

S89°59'W - 79.78 (G.L.O.)

INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH UNIT 16-14,
LOCATED AS SHOWN IN THE SE 1/4 SE
1/4 OF SECTION 14, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.

ATTACHMENT A-1



 = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)



THIS IS TO CERTIFY THAT THE ABOVE LIST WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 10337
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: D.J.S.

DATE: 7-6-04

DRAFTED BY: F.T.M.

NOTES:

FILE #

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	<u>Township 9 South, Range 16 East SLM</u> Section 11: W2SW, SESW Section 14: SWNE, W2, W2SE, SESE	USA UTU-096547 HBP	Newfield Production Company Newfield RMI LLC	USA
2	<u>Township 9 South, Range 16 East SLM</u> Section 23: E2, NW, E2SW, NWSW Section 24: N2, SW, N2SE, SWSE	USA UTU-15855 HBP	Newfield Production Company Newfield RMI LLC Bee Hive Oil LLC Journey Properties LLC King Oil & Gas of Texas Ltd. Six Gold Oil LLC Stone Energy Corporation	USA
3	<u>Township 9 South, Range 16 East SLM</u> Section 13: NENW, NWNE, S2N2, S2	USA UTU-64805 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation Yates Drilling Company ABO Petroleum Corporation MYCO Industries, Inc.	USA
4	<u>Township 9 South, Range 16 East SLM</u> Section 11: E2, NW, NESW Section 12: NW Section 14: N2NE, SENE, NESE	USA UTU-096550 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Jonah Federal #16-14-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____

E. Sundberg
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 16th day of July, 2010.

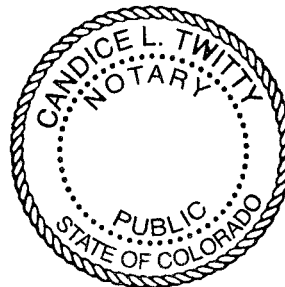
Notary Public in and for the State of Colorado: _____

Candice L. Twitty

My Commission Expires

My Commission Expires: _____

02/10/2013



Jonah Federal 16-14-9-16

Spud Date: 10-14-05
Put on Production: 11-14-05
GL: 5626' KB: 5638'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (302.62')
DEPTH LANDED: 310.02' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 130 jts (5790.42')
DEPTH LANDED: 5803.67' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP AT: 270'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 166 jts (5347.02')
TUBING ANCHOR: 5359.02' KB
NO. OF JOINTS: 1 jts (31.43')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5393.25' KB
NO. OF JOINTS: 2 jts (62.75')
TOTAL STRING LENGTH: EOT @ 5457.55' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-2" X 3/4" pony rods, 100- 3/4" scraped rods, 99- 3/4" plain rods, 10- 3/4" scraped rods, 6-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 16" RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM

FRAC JOB

11-08-05	5374-5380'	Frac CP2 sands as follows: 24617# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2689 psi w/avg rate of 24.8 BPM. ISIP 3370 psi. Calc flush: 5372 gal. Actual flush: 4956 gal.
11-08-05	5122-5132'	Frac LODC sands as follows: 34329# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 2632 psi w/avg rate of 24.8 BPM. ISIP 2720 psi. Calc flush: 5120 gal. Actual flush: 4830 gal.
11-09-05	4916-4954'	Frac A1, & A3 sands as follows: 75312# 20/40 sand in 591 bbls Lightning 17 frac fluid. Treated @ avg press of 1787 psi w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc flush: 4914 gal. Actual flush: 3906 gal.
11-09-5	4036-4042'	Frac GB6 sands as follows: 25272# 20/40 sand in 301 bbls Lightning 17 frac fluid. Treated @ avg press of 2043 w/ avg rate of 24.7 BPM. ISIP 1830 psi. Calc flush: 4034 gal. Actual flush: 3948 gal. Pump Change. Updated rod & tubing details.
6/8/09		

PERFORATION RECORD

11-01-05	5374-5380'	4 JSPF	24 holes
11-08-05	5122-5132'	4 JSPF	40 holes
11-08-05	4942-4954'	4 JSPF	48 holes
11-08-05	4916-4921'	4 JSPF	20 holes
11-09-05	4036-4042'	4 JSPF	24 holes

SN @ 5393'

4036-4042'

4916-4921'

4942-4954'

5122-5132'

Anchor @ 5359'

5374-5380'

EOT @ 5458'

PBTD @ 5758'

SHOE @ 5803'

TD @ 5800'

NEWFIELD

Jonah Federal 16-14-9-16

657' FSL & 758' FEL

SE/SE Section 14-T9S-R16E

Duchesne Co, Utah

API #43-013-32698; Lease #UTU-096547

Jonah Unit #8-14

Spud Date: 5/22/98

Put on Production: 6/22/98

GL: 5607' KB: 5617'

Initial Production: 159 BOPD,
133 MCFPD, 34 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (290')

DEPTH LANDED: 291'

HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Premium cmt, est 1-1/2 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 133 jts. (5677')

DEPTH LANDED: 5688' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 320 sk Poz Type III mixed & 310 sxs Class G

CEMENT TOP AT: 2566' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#

NO. OF JOINTS: 161 jts

TUBING ANCHOR: 5020'

SEATING NIPPLE: 5-1/2" (1.10')

TOTAL STRING LENGTH: EOT @ 5152'

SN LANDED AT: 5086'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 4 - 1-1/2" weight rods, 4-3/4" scraped, 97 - 3/4" plain rods,
97 - 3/4" scraped rods, 1 - 3/4" plain rod, 1 - 3/4"x8' pony rod.

PUMP SIZE: 2-1/2" x 1-1/2" x 15 RHAC rod pump

STROKE LENGTH: 74"

PUMP SPEED, SPM: 6 SPM

LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

6/13/98 5046'-5072'

Frac A-3 sand as follows:

114,000# 20/40 sand in 565 bbls Viking I-25 fluid. Perf Brokedown @ 3823 psi. Treated @ avg press of 1875 psi, w/avg rate of 30 BPM. ISIP: 2350 psi, 5-min 2100 psi. Flowback on 12/64 choke for 3 hours and died.

6/16/98 4749'-4759'

Frac C sand as follows:

113,994# of 20/40 sand in 546 bbls Viking I-25 fluid. Perfs Brokedown @ 3032 psi. Treated @ avg press of 2000 psi w/ avg rate of 28 bpm. ISIP: 2250 psi, 5-min 2000 psi. Flowback on 12/64" choke for 3-1/2 hours and died.

6/18/98 4114'-4135'

Frac GB sand as follows:

96,580# 20/40 sand in 475 bbls Viking I-25 fluid. Perfs brokedown @ 3387 psi. Treated @ avg press of 1850 psi w/avg rate of 24.5 BPM. ISIP 1850 psi, 5-min 1535 psi. Flowback on 12/64" choke for 2-1/2 hours and died.

PERFORATION RECORD

6/13/98	5046'-5072'	2 JSPF	52 holes
6/15/98	4749'-4759'	4 JSPF	40 holes
6/17/98	4114'-4119'	4 JSPF	20 holes
6/17/98	4132'-4135'	4 JSPF	12 holes

Cement Top@ 2566'

4114'-19'

4132'-35'

4749'-59'

Anchor @ 5020'

5046'-72'

SN @ 5086'

EOT @ 5152'

Sand Top @ 5351'

PBTD @ 5635'

TD @ 5700'



Jonah Unit #8-14

1882 FNL 773 FEL

SENE Section 14-T9S-R16E

Duchesne Co, Utah

API #43-013-32054; Lease #U-096550

7/7/2010

Federal 12-13-9-16

Spud Date: 9-29-05
Put on Production: 11-23-05
GL: 5490' KB: 5502'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (304.74')
DEPTH LANDED: 315.64' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 133 jts. (5714.51')
DEPTH LANDED: 5668.64' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP AT: 250'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 166 jts (5345.76')
TUBING ANCHOR: 5357.76' KB
NO. OF JOINTS: 2 jts (63.23')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5423.79' KB
NO. OF JOINTS: 2 jts (62.44')
TOTAL STRING LENGTH: EOT @ 5487.78' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-2' X 3/4" pony rods, 100- 3/4" scraped rods, 100- 3/4" plain rods. 10- 3/4" scraped rods, 6-1 1/2" weight rods
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM

FRAC JOB

11-16-05 5376-5429' **Frac CP1, CP2 sands as follows:**
50812# 20/40 sand in 434 bbls Lightning 17 frac fluid. Treated @ avg press of 2030 psi w/avg rate of 25.1 BPM. ISIP 2250 psi. Calc flush: 5374 gal. Actual flush: 5078 gal.

11-16-05 4944-4958' **Frac A1 sands as follows:**
80407# 20/40 sand in 591 bbls Lightning 17 frac fluid. Treated @ avg press of 2025 psi w/avg rate of 25 BPM. ISIP 2270 psi. Calc flush: 4942 gal. Actual flush: 4700 gal.

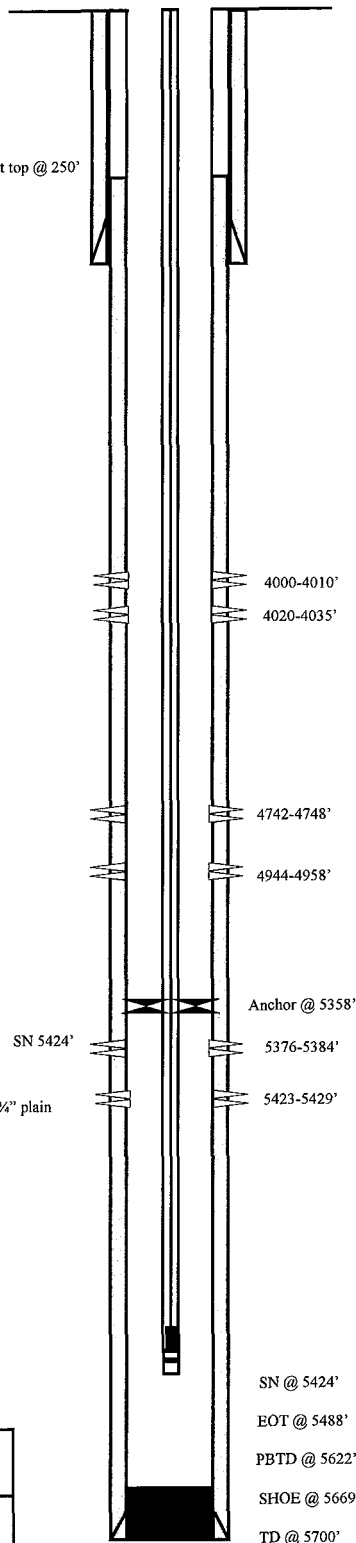
11-17-05 4742-4748' **Frac B.5 sands as follows:**
25030# 20/40 sand in 323 bbls Lightning 17 frac fluid. Treated @ avg press of 2055 psi w/avg rate of 25.1 BPM. ISIP 1980 psi. Calc flush: 4740 gal. Actual flush: 4746 gal.

11-17-05 4000-4035' **Frac GB4, & GB6 sands as follows:**
112538# 20/40 sand in 755 bbls Lightning 17 frac fluid. Treated @ avg press of 1673 w/ avg rate of 25.2 BPM. ISIP 1850 psi. Calc flush: 3998 gal. Actual flush: 3906 gal.

9/17/09 Pump Change. Updated rod & tubing details.

PERFORATION RECORD

11-04-05	5423-5429'	4 JSPF	24 holes
11-04-05	5376-5384'	4 JSPF	32 holes
11-16-05	4944-4958'	4 JSPF	56 holes
11-16-05	4742-4748'	4 JSPF	24 holes
11-17-05	4020-4035'	4 JSPF	60 holes
11-17-05	4000-4010'	4 JSPF	40 holes



NEWFIELD

Federal 12-13-9-16

2018' FSL & 651' FWL

NW/SW Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32651; Lease #UTU-64805

Federal 14-13-9-16

Spud Date: 8-16-05
 Put on Production: 10-21-05
 GL: 5581' KB: 5592'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (301.26')
 DEPTH LANDED: 313.11' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 127 jts. (5656.84')
 DEPTH LANDED: 5667.49' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT:'

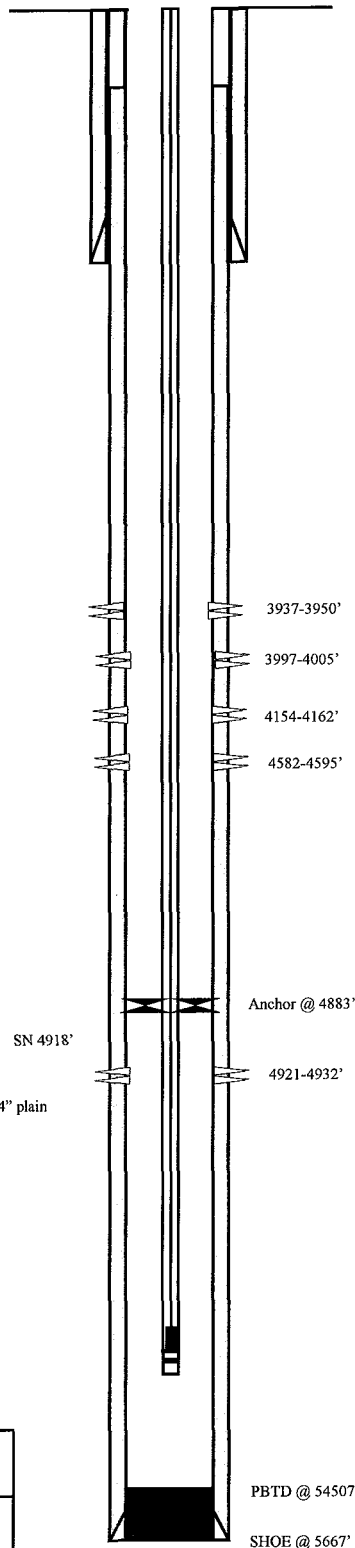
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 151 jts (4870.74')
 TUBING ANCHOR: 4882.74' KB
 NO. OF JOINTS: 1 jts (32.50')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4918.04' KB
 NO. OF JOINTS: 2 jts (64.17')
 TOTAL STRING LENGTH: EOT @ 4983.76' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS, 1-4' x 3/4" pony sub, 100-3/4" scraped rods, 80-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, 5 SPM

Wellbore Diagram



Initial Production: BOPD,
 MCFD, BWPD

FRAC JOB

10-06-05	4921-4932'	Frac A1 sands as follows: 38723# 20/40 sand in 208 bbls Lightning 17 frac fluid. Treated @ avg press of 3220 psi w/avg rate of 14.2 BPM. ISIP 2060 psi. Actual flush: 1176 gal.
10-19-05	4582-4595'	Frac D2 sands as follows: 75389# 20/40 sand in 595 bbls Lightning 17 frac fluid. Treated @ avg press of 1833 psi w/avg rate of 24.9 BPM. ISIP 2000 psi. Actual flush: 4376 gal.
10-19-05	4154-4162'	Frac PB8 sands as follows: 29831# 20/40 sand in 340 bbls Lightning 17 frac fluid. Treated @ avg press of 2398 psi w/avg rate of 14.3 BPM. ISIP 2925 psi. Actual flush: 3898 gal.
10-19-05	3937-4005'	Frac GB4 sands as follows: 60097# 20/40 sand in 447 bbls Lightning 17 frac fluid. Treated @ avg press of 1420 psi w/avg rate of 14.4 BPM. ISIP 1590 psi. Actual flush: 3864 gal.

PERFORATION RECORD

10-04-05	4921-4932'	4 JSPF	44 holes
10-19-05	4582-4895'	4 JSPF	52 holes
10-19-05	4154-4162'	4 JSPF	32 holes
10-19-05	3937-3950'	4 JSPF	52 holes
10-19-05	3997-4005'	4 JSPF	32 holes

NEWFIELD**Federal 14-13-9-16**

819' FSL & 1940' FWL

SE/SW Section 14-T9S-R16E

Duchesne Co, Utah

API #43-013-32649; Lease #UTU-64805

FEDERAL 13-13-9-16

Spud Date: 04/13/07
Put on Production: 05/23/07
GL: 5592' KB: 5604'

Initial Production: 53 BOPD,
3 MCFD, 88 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (309.33')
DEPTH LANDED: 319.33' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 131 jts. (5793.19')
DEPTH LANDED: 5789.19' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 177 jts (5485.73')
TUBING ANCHOR: 5485.7' KB
NO. OF JOINTS: 2 jts (63.1')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5551.7' KB
NO. OF JOINTS: 2 jts (63.1')
TOTAL STRING LENGTH: EOT @ 5616' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1- 4' x 3/4" pony rods, 1- 6' x 3/4" pony rods, 1- 8' x 3/4" pony rods, 99- 3/4" guided rods, 106- 3/4" sucker rods, 10- 3/4" guided rods, 6- 1 1/2" weight bars
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16 x 20 'RHAC
STROKE LENGTH: 120"
PUMP SPEED, SPM: 5

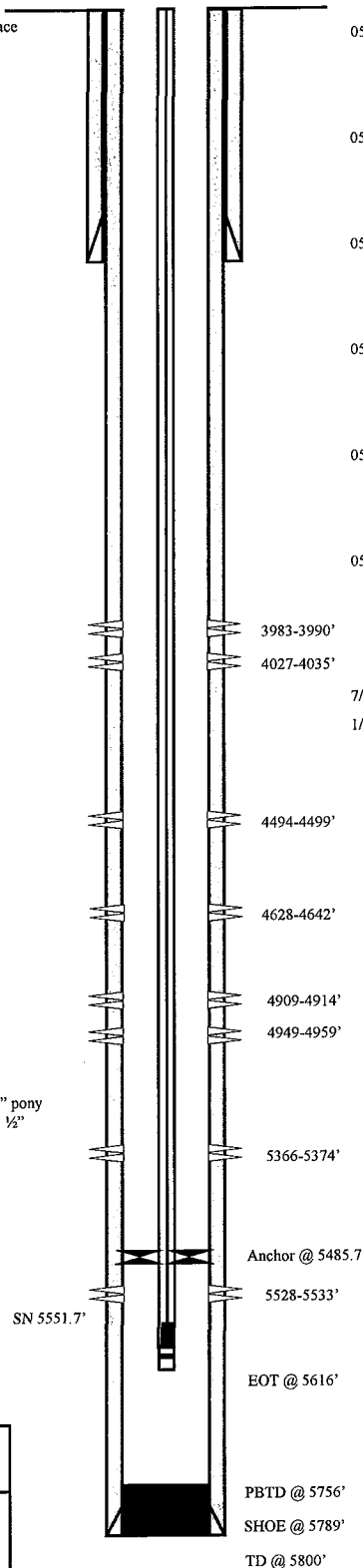
FRAC JOB


05/15/07	5528-5533'	Frac CP3 sands as follows: 14792# 20/40 sand in 265 bbls Lightning 17 frac fluid. Treated @ avg press of 2351 psi w/avg rate of 24.8 BPM. ISIP 2074 psi. Calc flush: 5526 gal. Actual flush: 5019 gal.
05/15/07	5366-5374'	Frac CP1 sands as follows: 40830# 20/40 sand in 346 bbls Lightning 17 frac fluid. Treated @ avg press of 1857 psi w/avg rate of 22.6 BPM. ISIP 1997 psi. Calc flush: 5364 gal. Actual flush: 4868 gal.
05/18/07	4909-4959'	Frac A1&3 sands as follows: 67943# 20/40 sand in 542 bbls Lightning 17 frac fluid. Treated @ avg press of 1919 psi w/avg rate of 24.7 BPM. ISIP 1970 psi. Calc flush: 4907 gal. Actual flush: 4406 gal.
05/18/07	4628-4642'	Frac C sands as follows: 29975# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 1884 psi w/avg rate of 24.7 BPM. ISIP 1910 psi. Calc flush: 4626 gal. Actual flush: 4124 gal.
05/18/07	4494-4499'	Frac D1 sands as follows: 14891# 20/40 sand in 237 bbls Lightning 17 frac fluid. Treated @ avg press of 1954 psi w/avg rate of 24.7 BPM. ISIP 1980 psi. Calc flush: 4492 gal. Actual flush: 3990 gal.
05/18/07	3983-4035'	Frac GB4&6 sands as follows: 56438# 20/40 sand in 443 bbls Lightning 17 frac fluid. Treated @ avg press of 1550 psi w/avg rate of ? BPM. ISIP 1685 psi. Calc flush: 3981 gal. Actual flush: 3910 gal.

pump change. updated rod and tubing detail.
Pump change. Updated rod and tubing detail.

PERFORATION RECORD

05/02/07	5528-5533'	4 JSPF	20 holes
05/15/07	5366-5374'	4 JSPF	32 holes
05/15/07	4949-4959'	4 JSPF	40 holes
05/15/07	4909-4914'	4 JSPF	20 holes
05/18/07	4628-4642'	4 JSPF	56 holes
05/18/07	4494-4499'	4 JSPF	20 holes
05/18/07	4027-4035'	4 JSPF	32 holes
05/18/07	3983-3990'	4 JSPF	28 holes




FEDERAL 13-13-9-16 555' FSL & 344' FWL SW/SW Section 13-T9S-R16E Duchesne Co, Utah API #43-013-32650; Lease # UTU-64805

FEDERAL 4-24-9-16

Spud Date: 12/12/07
Put on Production: 02/26/08
GL: 5613' KB: 5625'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (304.16')
DEPTH LANDED: 316.01' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 134 jts. (5745.08')
DEPTH LANDED: 5758.33' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP: 84'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 182 jts (5610.75')
TUBING ANCHOR: 5610.75' KB
NO. OF JOINTS: 2 jts (62.42')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5675.97' KB
NO. OF JOINTS: 2 jts (61.58')
TOTAL STRING LENGTH: EOT @ 5739.10' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-2', & 1- 6' x 3/4" pony rods, 100-3/4" scraped rods, 100-3/4" plain rods, 20-3/4" scraped rods, 6-1 1/2" weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 10x 14' 'RHAC
STROKE LENGTH: 102"
PUMP SPEED, 4.5 SPM:

FRAC JOB

02/21/08	5350-5360'	Frac CP1 sands as follows: 19538# 20/40 sand in 318 bbls Lightning 17 frac fluid. Treated @ avg press of 2319 psi w/avg rate of 23.0 BPM. ISIP 2169 psi.
02/21/08	5062-5068'	Frac LODC sands as follows: 14448# 20/40 sand in 267 bbl Lightning 17 frac fluid. Treated @ avg press of 2913 psi w/avg rate of 23.1 BPM. ISIP 3354 psi.
02/21/08	4936-4947'	Frac A3 & A1 sands as follows: 79356# 20/40 sand in 628 bbls Lightning 17 frac fluid. Treated @ avg press of 2038 psi w/avg rate of 23.1 BPM. ISIP 2069 psi.
02/21/08	4481-4491'	Frac D1 sands as follows: 54904# 20/40 sand in 482 bbls Lightning 17 frac fluid. Treated @ avg press of 2070 psi w/avg rate of 23.1 BPM. ISIP 2153 psi.
02/21/08	4018-4032'	Frac GB6 sands as follows: 74458# 20/40 sand in 594 bbls Lightning 17 frac fluid. Treated @ avg press of 2125 psi w/avg rate of 23.1 BPM. ISIP 1788 psi.

PERFORATION RECORD

02/21/08	5350-5360'	4 JSPF	40 holes
02/21/08	5062-5068'	4 JSPF	24 holes
02/21/08	4936-4947'	4 JSPF	44 holes
02/21/08	4893-4900'	4 JSPF	28 holes
02/23/08	4481-4491'	4 JSPF	40 holes
02/23/08	4018-4032'	4 JSPF	56 holes

Cement Top @ 84'

SN 5676'

4018-4032'

4481-4491'

4893-4900'

4936-4947'

5062-5068'

Anchor @ 5611'

5350-5360'

EOT @ 5739'

PBTD @ 5705'

SHOE @ 5758'

TD @ 6775'

NEWFIELD

FEDERAL 4-24-9-16

462' FNL & 679' FWL

NW/NW Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33004; Lease # UTU-15855

FEDERAL 8-23-9-16

Spud Date: 12/13/07
 Put on Production: 02/18/08
 GL: 5685' KB: 5697'

Wellbore Diagram

Initial Production: BOPD,
 MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (302.37')
 DEPTH LANDED: 314.22' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 134 jts. (5785.67')
 DEPTH LANDED: 5797.92' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 80'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 155 jts (4895.32')
 TUBING ANCHOR: 4907.32' KB
 NO. OF JOINTS: 2 jts (64.92')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4975.04' KB
 NO. OF JOINTS: 2 jts (64.14')
 TOTAL STRING LENGTH: EOT @ 5040.73' KB

SUCKER RODS

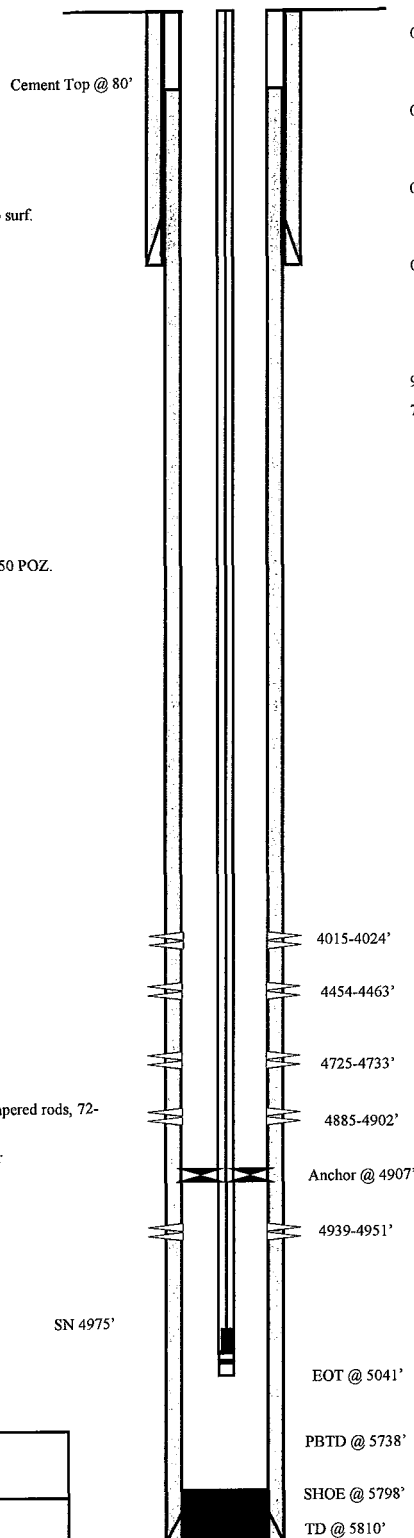
POLISHED ROD: 1-1/2" x 22' SM polished rods
 SUCKER RODS: 1-2', 1-8' X 3/4" Pony Rods, 100-3/4" scraped rods, 72-3/4" plain rods, 20-3/4" scraped rods, 6-1 1/2" weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 15' RHAC w/Sm Plunger
 STROKE LENGTH: 86"
 PUMP SPEED, 5 SPM:

FRAC JOB

02/12/08	4885-4951'	Frac A1 & A3 sands as follows: 135331# 20/40 sand in 1006 bbl Lightning 17 frac fluid. Treated @ avg press of 2046 psi w/avg rate of 23.4 BPM. ISIP 2249 psi.
02/12/08	4725-4733'	Frac B1 sands as follows: 31069# 20/40 sand in 395 bbl Lightning 17 frac fluid. Treated @ avg press of 1821 psi w/avg rate of 23.4 BPM. ISIP 1943 psi.
02/12/08	4454-4463'	Frac D1 sands as follows: 45231# 20/40 sand in 429 bbls Lightning 17 frac fluid. Treated @ avg press of 1900 psi w/avg rate of 23.4 BPM. ISIP 1971 psi.
02/12/08	5000-5052'	Frac GB6 sands as follows: 39181# 20/40 sand in 403 bbls Lightning 17 frac fluid. Treated @ avg press of 1813 psi w/avg rate of 23.4 BPM. ISIP 1702 psi.
9-29-08		Pump Change. Updated rod & tubing details.
7/17/09		Parted rods. Updated rod & tubing details.

PERFORATION RECORD

4939-4951'	4 JSPF	48 holes
4885-4902'	4 JSPF	68 holes
4725-4733'	4 JSPF	32 holes
4454-4463'	4 JSPF	36 holes
4015-4024'	4 JSPF	36 holes



NEWFIELD

FEDERAL 8-23-9-16

1891' FNL & 535' FEL

SE/NE Section 23-T9S-R16W

Duchesne Co, Utah

API #43-013-32961; Lease # UTU-15855

FEDERAL 1-23-9-16

Spud Date: 12/06/07
Put on Production: 02/11/08
GL: 5651' KB: 5663'

Initial Production: BOPD,
MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (309.17')
DEPTH LANDED: 321'
HOLE SIZE: 12 1/4'
CEMENT DATA: To Surface w/160sx of class 'G' cement

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 5815'
DEPTH LANDED: 5784'
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sx of Primlite II and 400 sx of 50/50 poz.
CEMENT TOP: 91'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 170 jts (5340.8')
TUBING ANCHOR: 5340.8' KB
NO. OF JOINTS: 1 jt (31.3')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5374.9' KB
NO. OF JOINTS: 2 jts (62.8')
TOTAL STRING LENGTH: EOT @ 5439' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM polished rods
SUCKER RODS: 1-2' x 3/4" pony rod, 2-16' x 3/4" pony rods, 100- 3/4" guided rods, 89- 3/4" sucker rods, 20- 3/4" guided rods, 6- 1 1/2" weight bars
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12' x 16' RHAC
STROKE LENGTH: 74"
PUMP SPEED: 4 SPM

FRAC JOB

2/19/08 5365-5373 **Frac CP1 sds w/ 22,746#s of 20/40 sand in 347 bbls of Lightning 17 fluid. Broke @ 3471 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2152 psi @ ave rate of 23 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1913 psi. Calc flush: ? Actual Flush: 4830 gals.**

2/19/08 4898-4916 **Frac A1 & A3 sds w/ 159,791#s of 20/40 sand in 1105 bbls of Lightning 17 fluid. Broke @ 3520 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1790 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2091 psi. Calc Flush: ? Actual Flush: 4330 gals.**

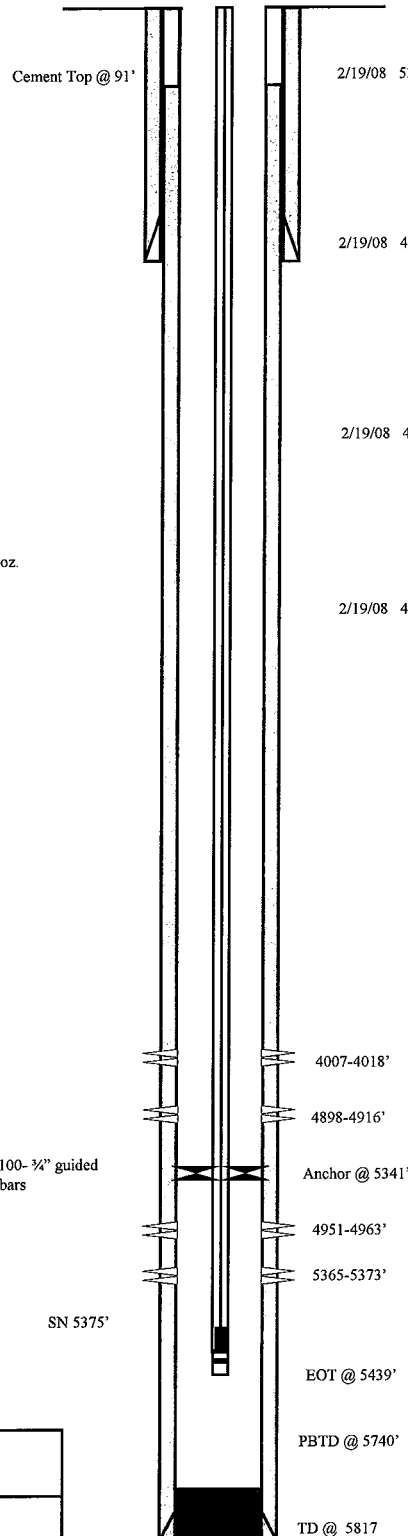
2/19/08 4951-4963 **Frac A1 & A3 sds w/ 159,791#s of 20/40 sand in 1105 bbls of Lightning 17 fluid. Broke @ 3520 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1790 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2091 psi. Calc Flush: ? Actual Flush: 4330 gals.**


2/19/08 4007-4018 **Frac GB6 sds w/ 43,024#s of 20/40 sand in 389 bbls of Lightning 17 fluid. Broke @ 3772 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1653 psi @ ave rate of 23.2 BPM. ISIP 1697 psi. Calc flush: ? Actual Flush: 3948 gals.**

10/8/08 Pump change. Updated rod & tubing details.
2/1/2010 Pump change. Updated rod and tubing detail.

PERFORATION RECORD

02/12/08	5365-5373	4 JSPF	32 holes
02/19/08	4951-4963	4 JSPF	48 holes
02/19/08	4898-4916	4 JSPF	72 holes
02/19/08	4007-4018	4 JSPF	44 holes



NEWFIELD 
FEDERAL 1-23-9-16 632' FNL & 472' FEL NE/NE Section 23-T9S-R16E Duchesne Co, Utah API #43-013-33002; Lease # U-15855

FEDERAL 2-23-9-16

Spud Date: 12/06/07
Put on Production: 02/11/08
GL: 5678' KB: 5690'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.96')
DEPTH LANDED: 324.81' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 135 jts. (5818.10')
DEPTH LANDED: 5831.23' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 poz.
CEMENT TOP: 156'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 154 jts (4888')
TUBING ANCHOR: 4888' KB
NO. OF JOINTS: 2 jts (62.8')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4953.6' KB
NO. OF JOINTS: 2 jts (64.2')
TOTAL STRING LENGTH: EOT @ 5019' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 1- 2' x 3/4" pony rod, 1- 4' x 3/4" pony rod, 1- 6' x 3/4" pony rod, 1- 8' x 3/4" pony rod, 100- 3/4" guided rods, 72- 3/4" guided rods, 20- 3/4" guided rods, 6- 1 1/2" weight bars
PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 20' RHAC
STROKE LENGTH: 102"
PUMP SPEED, SPM: 5

Wellbore Diagram

Cement Top @ 156'

SN 4954'

FRAC JOB

02/05/08	4910-4938'	Frac A1 sands as follows: 170350# 20/40 sand in 1190 bbl Lightning 17 frac fluid. Treated @ avg press of 1318 psi w/avg rate of 23.6 BPM. ISIP 1809 psi.
02/06/08	4621-4629'	Frac C sands as follows: 14890# 20/40 sand in 264 bbl Lightning 17 frac fluid. Treated @ avg press of 1847 psi w/avg rate of 23.5 BPM. ISIP 1806 psi.
02/06/08	4493-4500'	Frac D1 sands as follows: 9119# 20/40 sand in 237 bbls Lightning 17 frac fluid. Treated @ avg press of 2210 psi w/avg rate of 23.5 BPM. ISIP 2088 psi.
8-1-08		Pump change. Updated rod & tubing details.
12/21/09		Pump change. Updated rod and tubing detail

PERFORATION RECORD

4910-4938'	4 JSFP	112 holes
4621-4629'	4 JSFP	32 holes
4493-4500'	4 JSFP	28 holes

4493-4500'

4621-4629'

Anchor @ 4888'

4910-4938'

EOT @ 5019'

PBDT @ 5757'

SHOE @ 5831'

TD @ 5825'

NEWFIELD**FEDERAL 2-23-9-16**

760' FNL & 2032' FEL

NW/NE Section 23-T9S-R16E

Duchesne Co, Utah

API #43-013-33003; Lease # UTU-15855

Jonah Federal 9-14-9-16

Spud Date: 05/13/05
 Put on Production: 06/15/05
 GL: 5571' KB: 5583'

Initial Production: 46 BOPD,
 111 MCFPD, 45 BWPD

Injection Wellbore
DiagramSURFACE CASING

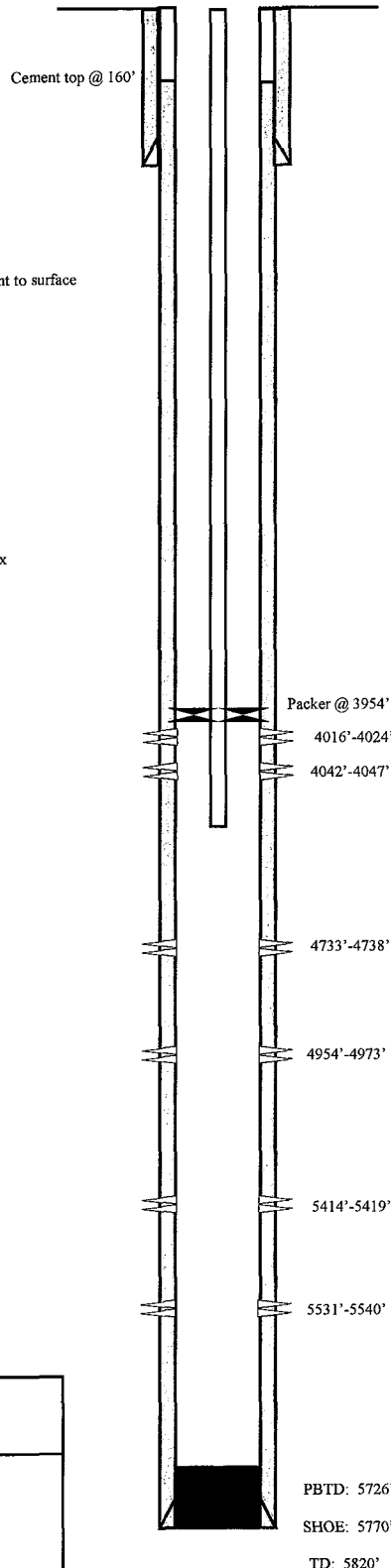
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (304.57')
 DEPTH LANDED: 314.57'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sks Class "G" cement, est. 6 bbls cement to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts. (5772.05')
 DEPTH LANDED: 5770.05' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sks Prem Lite II, 400 sks 50-50 Poz mix
 CEMENT TOP @ 160'

TUBING

SIZE/GRADE/WT.: 2 7/8" / 6.5# / J-55
 NO. OF JOINTS: 121 jts. (3937.79')
 NO. OF JOINTS: 1 jt. (32.55')
 SN LANDED AT: 1.10' (5546.06')
 NO. OF JOINTS: 2 jts. (65.66')
 TOTAL STRING LENGTH EOT: 3958'

FRAC JOB

06/07/05	5414'-5540'	Frac CP4 and CP2 sand as follows: 40,739#s of 20/40 sand in 416 bbls lightning 17 frac fluid. Treated w/avg press of 1595 psi, w/avg rate of 24.9 bpm. ISIP 1780 psi. Calc flush: 5412 gal. Actual flush: 5166 gal.
06/07/05	4954'-4973'	Frac A3 sand as follows: 70,185#s of 20/40 sand in 538 bbls lightning 17 frac fluid. Treated w/avg press of 1763 psi. ISIP 2170 psi. Calc flush: 4952 gal. Actual flush: 4704 gal.
06/08/05	4733'-4738'	Frac B1 sand as follows: 20,210#s of 20/40 sand in 253 bbls lightning 17 frac fluid. Treated w/avg press of 2085 psi, w/ avg rate of 24.8 bpm. ISIP 2050 psi. Calc flush: 4731 gal. Actual flush: 4494 gal.
06/08/05	4016'-4047'	Frac GB6 sand as follows: 38,754#s of 20/40 sand in 347 bbls lightning 17 frac fluid. Treated w/avg press of 1704 psi w/avg rate of 24.7 bpm. ISIP 1840 psi. Calc flush: 4014 gal. Actual flush: 3948 gal.
10-23-06		Well Converted to Injection Well.
11-10-06		MYT to complete Conversion.

PERFORATION RECORD

06/01/05	5531'-5540'	4 JSPF	36 holes
06/01/05	5414'-5419'	4 JSPF	20 holes
06/07/05	4954'-4973'	4 JSPF	76 holes
06/07/05	4733'-4738'	4 JSPF	20 holes
06/08/05	4042'-4047'	4 JSPF	20 holes
06/08/05	4016'-4024'	4 JSPF	32 holes

**Jonah Federal 9-14-9-16**

1785' FSL & 508' FEL
 NE/SE Section 14-T9S-R16E
 Duchesne Co, Utah
 API 43-013-32661; Lease UTU-096550

Jonah Federal 15-14-9-16

Spud Date: 5-4-05
Put on Production: 6-10-05
GL: 5631' KB: 5643'

Initial Production: BOPD 42,
MCFD 13, BWPD 161

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (302-46')
DEPTH LANDED: 314.31' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139 jts. (5888.88')
DEPTH LANDED: 5902.13' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II & 400 sxs 50/50 POZ.
CEMENT TOP AT: 410'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 116 jts (3877.64')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 3889.64' KB
TOTAL STRING LENGTH: EOT @ 3898.24' KB

FRAC JOB

6-1-05'	4628-4643'	Frac C sand as follows: 57,701#'s 20/40 sand in 427 bbls Lightning 17 frac fluid. Treated @ avg press of 2180 psi w/avg rate of 24.5 BPM. ISIP 3700 psi. Screened out short of flush.
6-2-05	4498-4508'	Frac D1 sand as follows: 69,795#'s 20/40 sand in 533 bbls Lightning 17 frac fluid. Treated @ avg press of 1589 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc flush: 4496 gal. Actual flush: 4200 gal.
6-2-05	4040-4068'	Frac GB6 sand as follows: 28,155#'s 20/40 sand in 275 bbls Lightning 17 frac fluid. Treated @ avg press of 2233 psi w/avg rate of 24.6 BPM. ISIP 3450 psi. Screened out short of flush.
6-6-05	3936-3942'	Frac GB2 & GB4 sand as follows: 29,409#'s 20/40 sand in 300 bbls Lightning 17 frac fluid. Treated @ avg press of 1930 psi w/avg rate of 24.4 BPM. ISIP 1900 psi. Calc flush: 3934 gal. Actual flush: 3881 gal.
11/2/06		Well converted to an Injection well.
11/21/06		MIT completed and submitted.

Cement top @ 410'

Packer @ 3894'

EOT @ 3898'

3936'-3942'

3991'-3995'

4040'-4046'

4064'-4068'

4498'-4508'

4628'-4643'

PBTD @ 5768'

SHOE @ 5902'

TD @ 5910'

PERFORATION RECORD

5-25-05	4628-4643'	4 JSPF	60 holes
6-2-05	4498-4508'	4 JSPF	40 holes
6-2-05	4040-4046'	4 JSPF	24 holes
6-2-05	4064-4068'	4 JSPF	16 holes
6-2-05	3991-3995'	4 JSPF	16 holes
6-2-05	3936-3942'	4 JSPF	24 holes

NEWFIELD

Jonah Federal 15-14-9-16
610' FSL & 2096' FEL
SW/SE Section 14-T9S-R16E
Duchesne Co, Utah
API #43-013-32689; Lease #UTU-096547

Jonah Federal 11-14-9-16

Spud Date: 5/25/05
 Put on Production: 6/24/05
 GL: 5621' KB: 5633'

Initial Production: 115 BOPD,
 15 MCFD, 114 BWPD

Injection Wellbore
DiagramSURFACE CASING

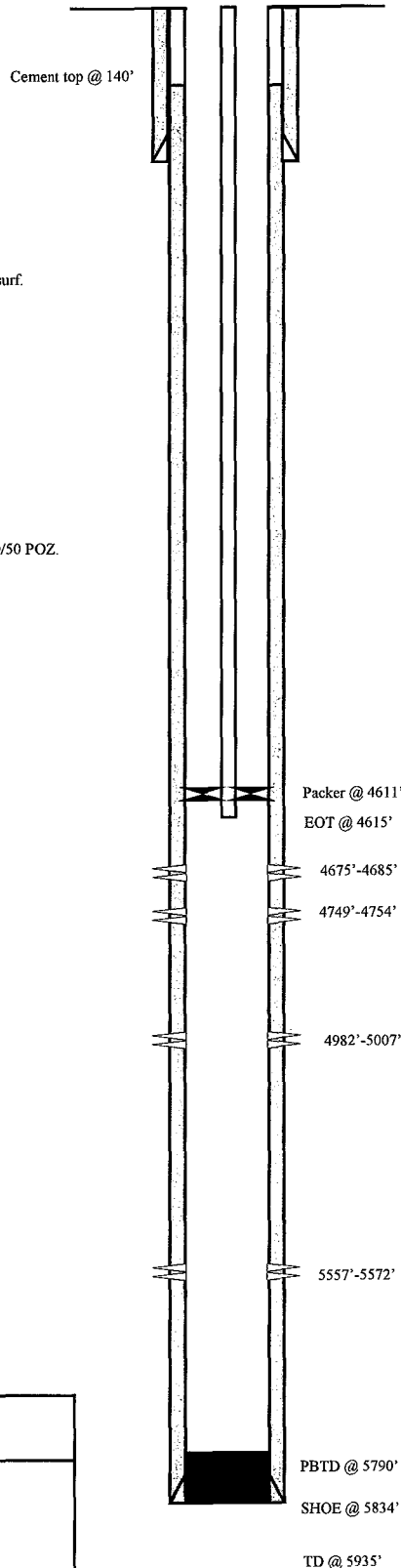
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (304.17')
 DEPTH LANDED: 314.17' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts. (5835.87')
 DEPTH LANDED: 5833.87' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 140'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 147 jts (4594.85')
 SN LANDED AT: 1.10' (4606.85')
 CE @ 4611.05'
 TOTAL STRING LENGTH: EOT @ 4615.45' KB

FRAC JOB

6/20/05	5557'-5572'	Frac CP3 sands as follows: 55,674# 20/40 sand in 483 bbls Lightning 17 frac fluid. Treated @ avg press of 1748 psi w/avg rate of 25.2 BPM. ISIP 1850 psi. Calc flush: 5555 gal. Actual flush: 5544 gal.
6/20/05	4982'-5007'	Frac A3 sands as follows: 95,489# 20/40 sand in 692 bbls Lightning 17 frac fluid. Treated @ avg press of 2096 psi w/avg rate of 24.9 BPM. ISIP 2330 psi. Calc flush: 4980 gal. Actual flush: 4998 gal.
6/20/05	4675'-4754'	Frac C&B1 sands as follows: 62,157# 20/40 sand in 479 bbls Lightning 17 frac fluid. Treated @ avg press of 1650 psi w/avg rate of 25 BPM. ISIP 1920 psi. Calc flush: 4673 gal. Actual flush: 4578 gal.
09/12/06		Pump Change. Update rod and tubing details.
11/7/06		Convert to Injection Well
11/10/06		MIT Completed – thg deatail updated

PERFORATION RECORD

6/14/05	5557'-5572'	4 JSPF	60 holes
6/20/05	4982'-5007'	4 JSPF	100 holes
6/20/05	4749'-4754'	4 JSPF	20 holes
6/20/05	4675'-4685'	4 JSPF	40 holes

NEWFIELD**Jonah Federal 11-14-9-16**

2030' FSL & 2160' FWL

NE/SW Section 14-T9S-R16E

Duchesne Co, Utah

API #43-013-32681; Lease #UTU-096547

Jonah Federal 10-14-9-16

Spud Date: 5-18-05
Put on Production: 6-23-05
GL: 5607' KB: 5619'

Initial Production: 55 BOPD,
22 MCFD, 232 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (303')
DEPTH LANDED: 314.85' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5796.74')
DEPTH LANDED: 5809.99' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 310 sxs Prem. Lite II & 400 sxs 50/50 POZ.
CEMENT TOP AT: 90'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 156 jts (5079.07')
TUBING ANCHOR: 5091.07' KB
NO. OF JOINTS: 2 jts (64.14')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5158.01' KB
NO. OF JOINTS: 2 jts (65.04')
TOTAL STRING LENGTH: EOT @ 5224.60' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rods
SUCKER RODS: 1-8", 1-6" & 1-2" 3/4" ponies, 99- 3/4" scraped rods, 90-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weighted rods.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 14 1/2' RHAC w/ SM plunger
STROKE LENGTH: 86"
PUMP SPEED, 4.5 SPM

FRAC JOB

6-15-05 5109-5139' **Frac LODC sand as follows:**
40770#s 20/40 sand in 380 bbls Lightning
17 frac fluid. Treated @ avg press of 3040 psi
w/avg rate of 24.3 BPM. ISIP 2950 psi. Calc
flush: 5107 gal. Actual flush: 4872 gal.

6-15-05 4980-5007' **Frac A3 sand as follows:**
110,559#s 20/40 sand in 774 bbls Lightning
17 frac fluid. Treated @ avg press of 1950 psi
w/avg rate of 24.8 BPM. ISIP 2250 psi. Calc
flush: 4978 gal. Actual flush: 4746 gal.

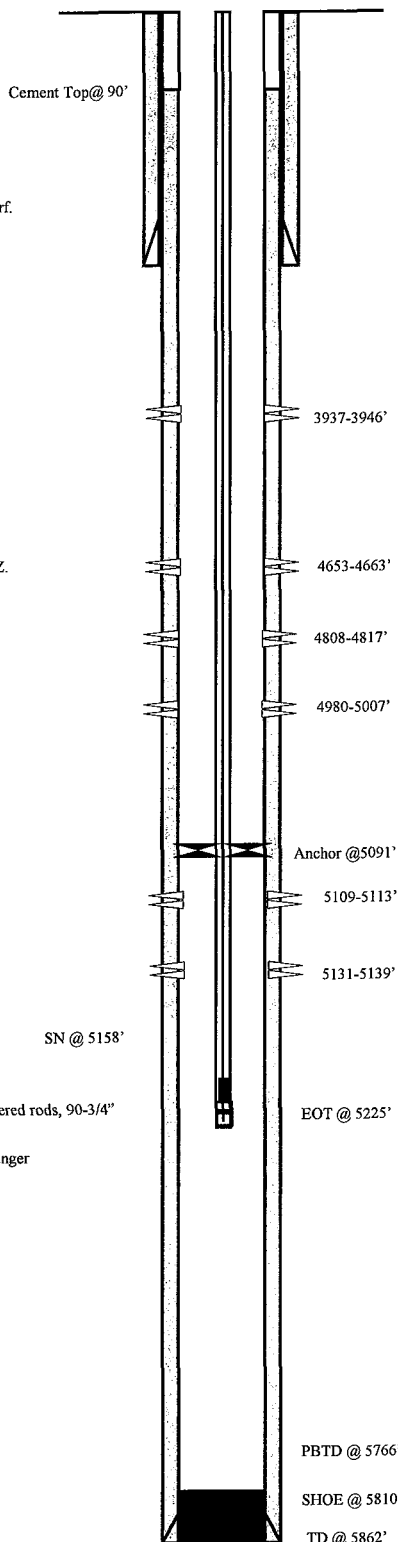
6-16-05 4808-4817' **Frac B2, sand as follows:**
40877#s 20/40 sand in 371 bbls Lightning
17 frac fluid. Treated @ avg press of 2399 psi
w/avg rate of 25.1 BPM. ISIP 2300 psi. Calc
flush: 4806 gal. Actual flush: 4536 gal.

6-16-05 3937-3946' **Frac GB2 sand as follows:**
29376#s 20/40 sand in 281 bbls Lightning
17 frac fluid. Treated @ avg press of 1585 psi
w/avg rate of 14.3 BPM. ISIP 2100 psi. Calc
flush: 3935 gal. Actual flush: 3864 gal.

04/24/06 Pump Change. Update rod and tubing details.
6/11/08 Pump Change. Updated rod and tubing detail

PERFORATION RECORD

6-10-05 5109-5113" 4 JSPF 16 holes
6-10-05 5131-5139" 4 JSPF 32 holes
6-13-05 4808-4817" 4 JSPF 36 holes
6-13-05 4980-5007" 4 JSPF 108 holes
6-16-05 3937-3946" 4 JSPF 36 holes
6-16-05 4653-4663" 4 JSPF 40 holes

**NEWFIELD**

Jonah Federal 10-14-9-16

1730' FSL & 1820' FEL

NW/SE Section 14-T9S-R16E

Duchesne Co, Utah

API #43-013-32662; Lease #UTU-96547

Jonah Federal M-14-9-16

Spud Date: 01/14/2010
 Put on Production: 02/19/2010
 GL: 5589' KB: 5601'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (308.53')
 DEPTH LANDED: 320'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (6028.58')
 HOLE SIZE: 7-7/8"
 TOTAL DEPTH: 6041.83'
 CEMENT DATA: 260 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 80'

TUBING

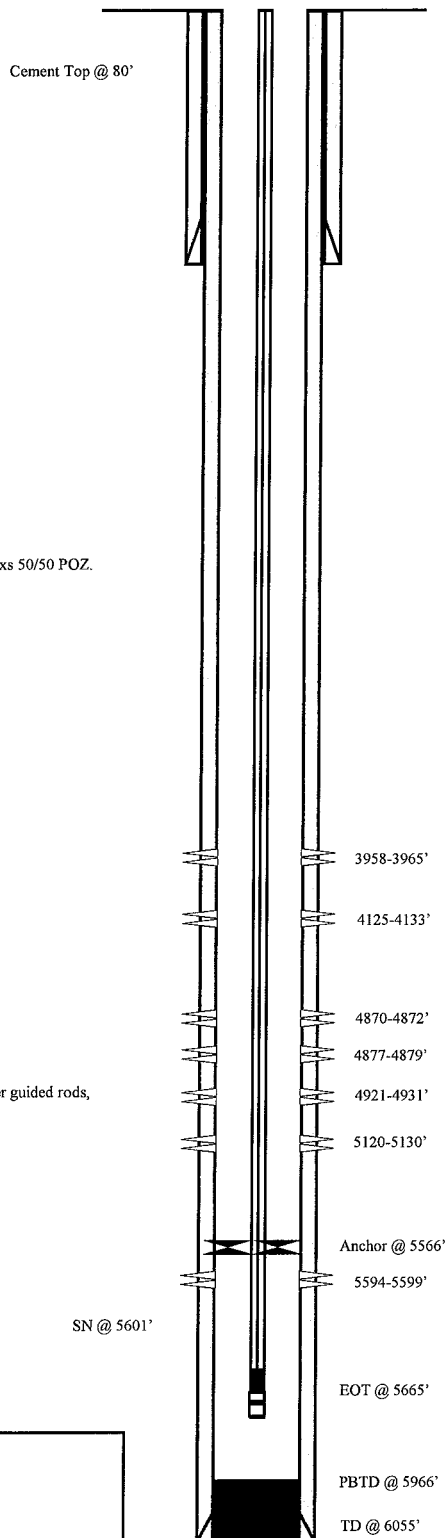
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 177 jts (5554.3')
 TUBING ANCHOR: 5566'
 NO. OF JOINTS: 1 jts (31.4')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5600.6' KB
 NO. OF JOINTS: 2 jts (63')
 TOTAL STRING LENGTH: EOT @ 5665'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'
 SUCKER RODS: 1 - 6' x 7/8" pony rods, 219 - 7/8" 8per guided rods,
 4 - 1 1/2" weight bars
 PUMP SIZE: 2 1/2 x 1 1/2 x 17' x 24' RHAC
 STROKE LENGTH: 144
 PUMP SPEED: SPM 5

FRAC JOB

02-19-10	5594-5599'	Frac CP2 sands as follows: Frac with 9412# 20/40 sand in 62 bbls Lightning 17 fluid.
02-19-10	5120-5130'	Frac A3 sands as follows: Frac with 45196# 20/40 sand in 214 bbls Lightning 17 fluid.
02-19-10	4870-4931'	Frac B1 & B2 sands as follows: Frac with 75309# 20/40 sand in 331 bbls Lightning 17 fluid.
02-19-10	4125-4133'	Frac GB4 sands as follows: Frac with 24572# 20/40 sand in 151 bbls Lightning 17 fluid.
02-19-10	3958-3965'	Frac GB2 sands as follows: Frac with 12499# 20/40 sand in 71 bbls Lightning 17 fluid.

**PERFORATION RECORD**

5594-5599'	3 JSPF	15 holes
5120-5130'	3 JSPF	30 holes
4921-4931'	3 JSPF	30 holes
4877-4879'	3 JSPF	6 holes
4870-4872'	3 JSPF	6 holes
4125-4133'	3 JSPF	24 holes
3958-3965'	3 JSPF	21 holes



Jonah Federal M-14-9-16
 1878' FNL & 1949' FWL (SE/NW)
 Section 14, T9S, R16E
 Duchesne Co, Utah
 API # 43-013-33812; Lease # UTU-096547

Jonah Fed LA-14-9-16

Spud Date: 12/19/2008
Put on Production: 1/27/2009
GL: 5606' KB: 5618'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (315.79')
DEPTH LANDED: 326.79' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sx class 'g' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 158 jts (6228.67')
DEPTH LANDED: 6045.44'
HOLE SIZE: 7-7/8"
CEMENT DATA: 280 sx primlite and 415 sx 50/50 poz
CEMENT TOP AT: 104'

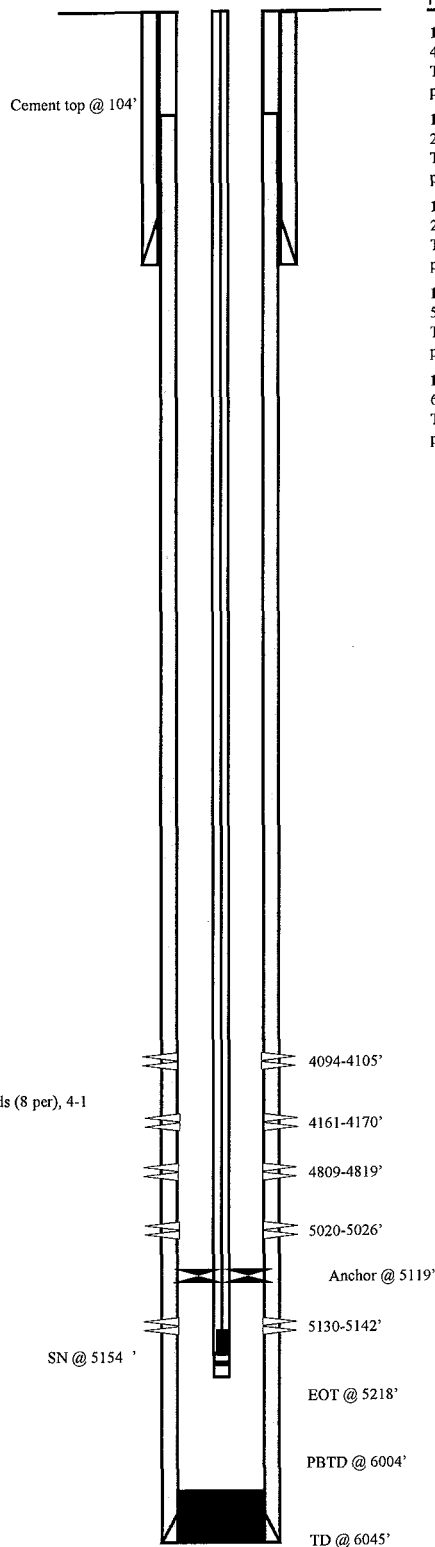
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 162 jts (5107.33')
TUBING ANCHOR: 5119.33' KB
NO. OF JOINTS: 1 jt (31.63')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5153.76' KB
NO. OF JOINTS: 2 jts (63.12')
TOTAL STRING LENGTH: EOT @ 5218.43'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod
SUCKER RODS: 1-2', 8' x 7/8" pony subs, 201-7/8" guided rods (8 per), 4-1 1/2" weight bars, shear coupler
PUMP SIZE: 1 1/2" x 1 3/4" x 20' RHAC central hydraulic pump
STROKE LENGTH: 122"
PUMP SPEED, SPM: 5

Wellbore Diagram

**FRAC JOB**

1/20/09 5130-5142' Frac A3 sds as follows:
49,252# 20/40 sand in 460 bbls of Lightning 17 fluid. Broke @ 2780 psi. Treated w/ ave pressure of 2065 psi w/ ave rate of 22.9 BPM. ISIP 2290 psi. Actual flush: 4624 gals.

1/20/09 5020-5026' Frac A.5 sds as follows:
24,711# 20/40 sand in 367 bbls of Lightning 17 fluid. Broke @ 4040 psi. Treated w/ ave pressure of 2423 psi w/ ave rate of 22.9 BPM. ISIP 2411 psi. Actual flush: 4515 gals.

1/20/09 4809-4819' Frac C sds as follows:
24,955# 20/40 sand in 350 bbls of Lightning 17 fluid. Broke @ 3045 psi. Treated w/ ave pressure of 2300 psi w/ ave rate of 23.0 BPM. ISIP 3472 psi. Actual flush: 4221 gals.

1/20/09 4161-4170' Frac GB6 sds as follows:
55,178# 20/40 sand in 477 bbls of Lightning 17 fluid. Broke @ 3936 psi. Treated w/ ave pressure of 1800 psi w/ ave rate of 23.2 BPM. ISIP 1734 psi. Actual flush: 3738 gals.

1/20/09 4094-4105' Frac GB4 sds as follows:
69,186# 20/40 sand in 552 bbls of Lightning 17 fluid. Broke @ 2614 psi. Treated w/ ave pressure of 2200 psi w/ ave rate of 23.1 BPM. ISIP 1915 psi. Actual flush: 4007 gals.

PERFORATION RECORD

1/20/09	4094-4105'	4 JSPF	44 holes
1/20/09	4161-4170'	4 JSPF	36 holes
1/20/09	4809-4819'	4 JSPF	40 holes
1/20/09	5020-5026'	4 JSPF	24 holes
1/20/09	5130-5142'	4 JSPF	48 holes

NEWFIELD**Jonah LA-14-9-16**

1906' FNL & 732' FEL

SE/NE Section 14-T9S-R16E

Duchesne Co, Utah

API # 43-013-34164 ; Lease # UTU-096550

Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION 5274 Portland OR**

Sample ID: **WA-42894**

Well Name: **JONAH 16-14-9-16**

Sample Point: **Tank**

Sample Date: **6 /25/2010**

Sales Rep: **Randy Huber**

Lab Tech: **John Keel**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	6/25/2010	Cations	mg/L	Anions	mg/L
Temperature (°F):	140	Calcium (Ca):	60.00	Chloride (Cl):	11000.00
Sample Pressure (psig):	0	Magnesium (Mg):	60.00	Sulfate (SO ₄):	856.00
Specific Gravity (g/cm ³):	1.0160	Barium (Ba):	3.00	Dissolved CO ₂ :	-
pH:	8.3	Strontium (Sr):	-	Bicarbonate (HCO ₃):	1586.00
Turbidity (NTU):	-	Sodium (Na):	7832.00	Carbonate (CO ₃):	-
		Potassium (K):	-	H ₂ S:	100.00
		Iron (Fe):	0.11	Phosphate (PO ₄):	-
		Manganese (Mn):	0.08	Silica (SiO ₂):	-
		Lithium (Li):	-	Fluoride (F):	-
Calculated T.D.S. (mg/L)	21497	Aluminum (Al):	-	Nitrate (NO ₃):	-
Molar Conductivity (µS/cm):	32572	Ammonia NH ₃ :	-	Lead (Pb):	-
Resistivity (Mohm):	0.3070			Zinc (Zn):	-
				Bromine (Br):	-
				Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO ₃		Gypsum CaSO ₄ · 2H ₂ O		Calcium Sulfate CaSO ₄		Strontium Sulfate SrSO ₄		Barium Sulfate BaSO ₄		Calculated CO ₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. psi											
140	0	17.04	55.76	0.02	-2131.00	0.02	-2126.00	-	-	15.32	4.76	0.15
80	0	9.83	40.44	0.02	34.21	0.01	-2919.70	-	-	52.64	5.00	0.08
100	0	12.69	48.13	0.02	41.90	0.01	-2738.40	-	-	34.15	4.95	0.10
120	0	15.12	53.14	0.02	47.03	0.02	-2460.10	-	-	22.64	4.87	0.11
140	0	17.04	55.76	0.02	49.82	0.02	-2126.00	-	-	15.32	4.76	0.12
160	0	18.16	55.60	0.03	49.82	0.03	-1772.20	-	-	10.55	4.61	0.13
180	0	18.36	52.65	0.03	47.05	0.04	-1426.30	-	-	7.37	4.40	0.14
200	0	17.71	47.53	0.03	42.28	0.05	-1107.10	-	-	5.22	4.12	0.14
220	2.51	16.28	41.64	0.04	36.96	0.08	-839.92	-	-	3.65	3.70	0.14
240	10.3	14.61	35.08	0.04	31.12	0.12	-598.14	-	-	2.63	3.15	0.14
260	20.76	12.80	28.99	0.04	25.77	0.19	-398.27	-	-	1.91	2.42	0.14
280	34.54	11.01	23.73	0.04	21.18	0.31	-238.15	-	-	1.40	1.45	0.14
300	52.34	9.34	19.34	0.05	17.36	0.52	-114.09	-	-	1.03	0.15	0.15

Conclusions:

Calcium Carbonate scale is indicated at all temps from 80°F to 300°F
Gypsum Scaling Index is negative from 80°F to 300°F
Calcium Sulfate Scaling Index is negative from 80°F to 300°F
Strontium Sulfate scaling was not evaluated
Barium Sulfate scale is indicated at all temps from 80°F to 300°F

Notes:

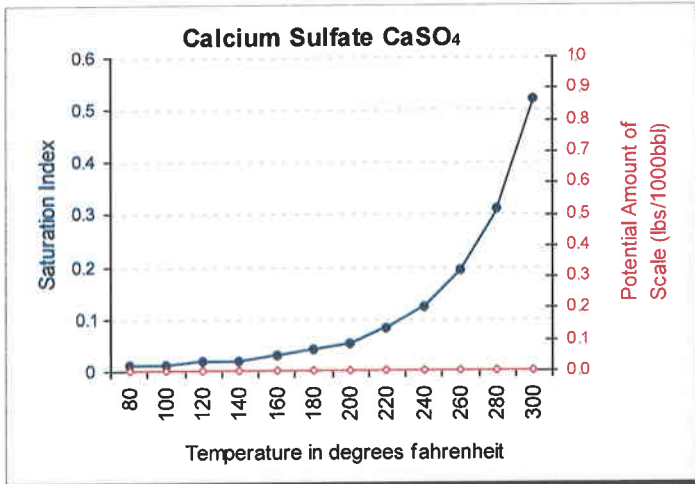
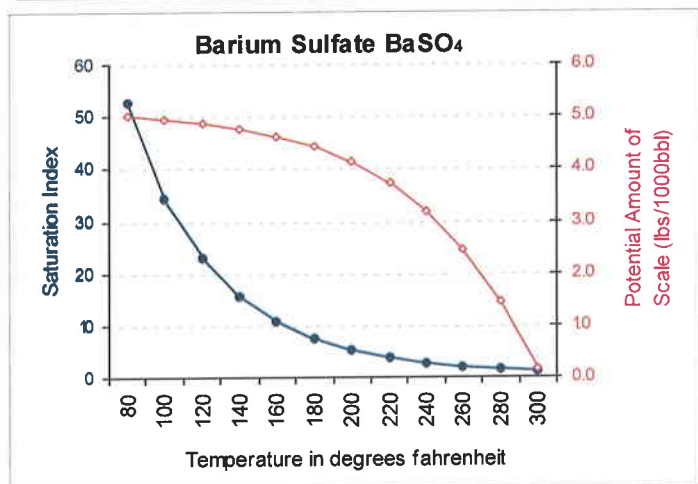
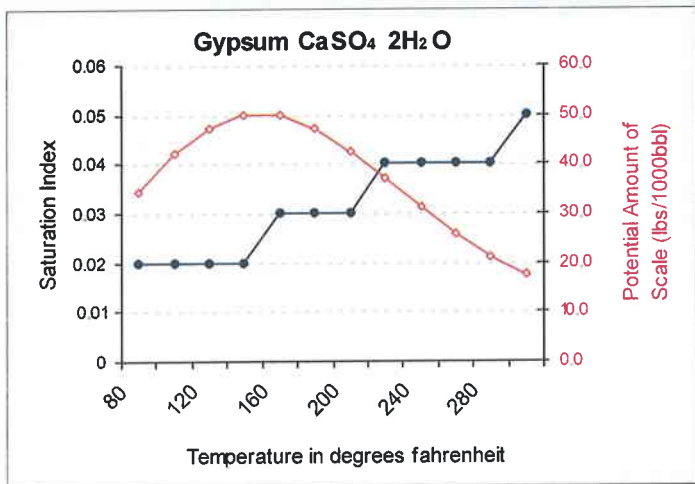
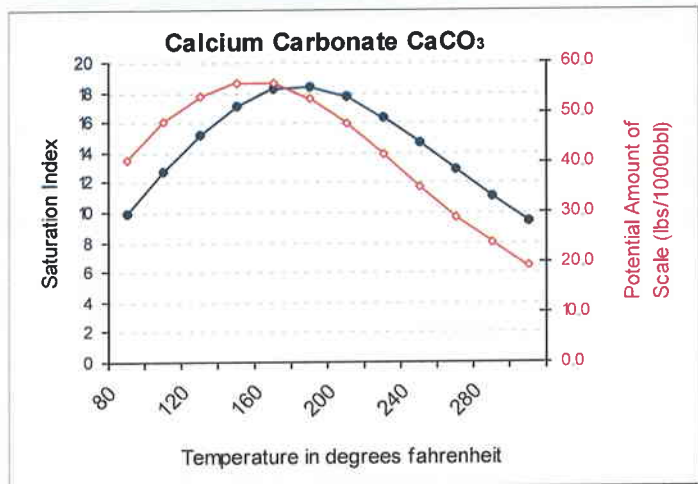
**Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

multi-chem®

Scale Prediction GraphsWell Name: **JONAH 16-14-9-16**Sample ID: **WA-42894**

Attachment "G"

**Jonah Federal 16-14-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient	Pmax
Top	Bottom			(psi/ft)	
5374	5380	5377	3370	1.06	3335
5122	5132	5127	2720	0.96	2687
4916	4954	4935	2200	0.88	2168
4036	4042	4039	1830	0.89	1804
				Minimum	<u>1804</u> ←

Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
where pressure gradient for the fresh water is .433 psi/ft and
specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

DAILY COST:	\$270,435
TOTAL WELL COST:	\$270,435



DAILY COMPLETION REPORT

WELL NAME: Jonah Federal 16-14-9-16Report Date: Nov. 9, 2005Day: 02Operation: CompletionRig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 310' Prod Csg: 5-1/2" @ 5803' Csg PBTD: 5686'WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>CP2 sds</u>	<u>5374-5380'</u>	<u>4/24</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Nov. 8, 2005SITP: SICP: 0

Day 2(a):

NU BJ Services "Ram head" frac flange. RU BJ & frac stage #1 (CP2 sds) W/ 24,617# 20/40 sand in 360 bbls Lightning frac 17 fluid. Perfs broke down @ 3176 psi. Treated @ ave press of 2689 psi W/ ave rate of 24.8 BPM. ISIP 3370 psi. Spotted 210 gals 15% HCL acid in flush to cover stage #2. Leave pressure on well. Est 497 BWTR.

See day 2(b)

□

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 137 Starting oil rec to date:
 Fluid lost/recovered today: 360 Oil lost/recovered today:
 Ending fluid to be recovered: 497 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand fracCompany: BJ ServicesProcedure or Equipment detail: CP2 sands

2500 gals of pad
1915 gals W/ 1-4 ppg of 20/40 sand
4855 gals W/ 4-6.5 ppg of 20/40 sand
Flush W/ 168 gals of slick water
Flush W/ 210 gals of 15% HCL acid
Flush W/ 4956 gals of slick water

Flush called @ blender--includes 2 bbls pump/line volume

Max TP: 3720 Max Rate: 25.3 BPM Total fluid pmpd: 360 bblsAvg TP: 2689 Avg Rate: 24.8 BPM Total Prop pmpd: 24,617#ISIP: 3370 5 min: 10 min: FG: 1.06Completion Supervisor: Gary Dietz

COSTS

Weatherford BOP \$140
Betts frac wtr \$600
NPC fuel gas \$80
BJ Services - CP2 \$16,923
Weatherford service \$975
NPC supervision \$150

DAILY COST: \$18,868TOTAL WELL COST: \$289,303



DAILY COMPLETION REPORT

WELL NAME: Jonah Federal 16-14-9-16 Report Date: Nov. 9, 2005 Day: 02
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 310' Prod Csg: 5-1/2" @ 5803' Csg PBTD: 5686'WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5230', 5050'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A1 sds	4916-4921'	4/20			
A3 sds	4942-4954'	4/48			
LODC sds	5122-5132'	4/40			
CP2 sds	5374-5380'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Nov. 8, 2005 SITP: SICP: 1927

Day 2(b):

RU Black Warrior WLT, mast & lubricator. Run Weatherford 5 1/2" composite flow-through frac plug & 4" ported perf gun. Set plug @ 5230'. Perf stage #2 (LODC sds) @ 5122-32' W/ 4 JSPF. All 1 run. RU BJ Services & frac stage #2 W/ 34,329# 20/40 sand in 394 bbls Lightning frac 17 fluid. Perfs broke down @ 4151 psi. Treated @ ave press of 2632 psi W/ ave rate of 24.8 BPM. ISIP 2720 psi. Spotted 210 gals 15% HCL acid in flush to cover stage #3. RU BWWC & run frac plug & 2-4" ported perf guns. Set plug @ 5050'. Perf stage #3 W/ 4 JSPF as follows: A3 sds @ 4942-54' & A1 sds @ 4916-21'. Made 2 runs total. Leave pressure on well. SIFN W/ est 891 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 497 Starting oil rec to date:
 Fluid lost/recovered today: 394 Oil lost/recovered today:
 Ending fluid to be recovered: 891 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services

Procedure or Equipment detail:

LODC sands

3300 gals of pad

2431 gals W/ 1-4 ppg of 20/40 sand

4890 gals W/ 4-6.5 ppg of 20/40 sand

810 gals W/ 6.5 ppg of 20/40 sand

Flush W/ 84 gals of slick water

Flush W/ 210 gals of 15% HCL acid

Flush W/ 4830 gals of slick water

****Flush called @ blender--includes 2 bbls pump/line volume****

Max TP: 2976 Max Rate: 25.2 BPM Total fluid pmpd: 394 bbls

Avg TP: 2632 Avg Rate: 24.8 BPM Total Prop pmpd: 34,329#

ISIP: 2720 5 min: 10 min: FG: .96

Completion Supervisor: Gary Dietz

Weatherford BOP	\$140
Betts frac wtr	\$600
NPC fuel gas	\$80
BJ Services - LODC	\$11,032
Weatherford frac plugs	\$4,800
BWWC - LODC & A	\$10,000
NPC supervision	\$150

DAILY COST: \$26,802

TOTAL WELL COST: \$316,105



DAILY COMPLETION REPORT

WELL NAME: Jonah Federal 16-14-9-16Report Date: Nov. 10, 2005Day: 03Operation: CompletionRig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 310'
Tbg: Size: Wt:Prod Csg: 5-1/2" @ 5803'
Grd: Pkr/EOT @:Csg PBTD: 5686'WL
BP/Sand PBTD: 5230',5050'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A1 sds	4916-4921'	4/20			
A3 sds	4942-4954'	4/48			
LODC sds	5122-5132'	4/40			
CP2 sds	5374-5380'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Nov. 9, 2005SITP: SICP: 1796

Day 3(a):

RU BJ Services and frac stage #3 (A sds) W/ 75,312# 20/40 sand in 591 bbls Lightning frac 17 fluid. Perfs broke down @ 3506 psi. Treated @ ave press of 1787 psi W/ ave rate of 24.9 BPM. ISIP 2200 psi. Spotted 5 bbls 15% HCL acid in flush to cover stage #4. Leave pressure on well. Est 1482 BWTR.

See day 3(b)

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 891Starting oil rec to date: Fluid lost/recovered today: 591Oil lost/recovered today: Ending fluid to be recovered: 1482Cum oil recovered: IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand fracCompany: BJ ServicesProcedure or Equipment detail: A1 & A3 sands5300 gals of pad3944 gals W/ 1-5 ppg of 20/40 sand7872 gals W/ 5-8 ppg of 20/40 sand2312 gals W/ 8 ppg of 20/40 sandFlush W/ 798 gals of slick waterFlush W/ 210 gals of 15% HCL acidFlush W/ 3906 gals of slick water**Flush called @ blender--includes 2 bbls pump/line volume**Max TP: 2381 Max Rate: 25.1 BPM Total fluid pmpd: 591 bblsAvg TP: 1787 Avg Rate: 24.9 BPM Total Prop pmpd: 75,312#ISIP: 2200 5 min: 10 min: FG: .88Completion Supervisor: Gary DietzWeatherford BOP \$140Betts frac wtr \$1,200NPC fuel gas \$200BJ Services - A sds \$17,099Weatherford service \$975NPC supervision \$150DAILY COST: \$19,764TOTAL WELL COST: \$335,869



DAILY COMPLETION REPORT

WELL NAME: Jonah Federal 16-14-9-16Report Date: Nov. 10, 2005Day: 03Operation: CompletionRig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 310'
Tbg: Size: _____ Wt: _____Prod Csg: 5-1/2" @ 5803'
Grd: _____ Pkr/EOT @: _____Csg PBTD: 5686'WL
BP/Sand PBTD: 5230',5050'
BP/Sand PBTD: 4150'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4036-4042'	4/24			
A1 sds	4916-4921'	4/20			
A3 sds	4942-4954'	4/48			
LODC sds	5122-5132'	4/40			
CP2 sds	5374-5380'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Nov. 9, 2005SITP: _____ SICP: 1815

Day 3(b):

RU Black Warrior WLT & run Weatherford 5 1/2" composite flow-through frac plug & 4" ported perf gun. Set plug @ 4150'. Perf stage #4 (GB6 sds) @ 4036-42' W/ 4 JSPF. All 1 run. RU BJ Services and frac stage #4 W/ 25,272# 20/40 sand in 301 bbls Lightning frac 17 fluid. Perfs broke down @ 3907 psi. Treated @ ave press of 2043 psi W/ ave rate of 24.7 BPM. ISIP 1830 psi. RD BJ & WLT. Begin immediate flowback of fracs on 12/64 choke @ 1 BPM. Zones flowed 5 1/2 hrs & died. Rec 302 BTF (est 18% of combined frac loads of 1646 bbls). SIFN W/ est 1481 BWTR.

□

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1482

Starting oil rec to date: _____

Fluid lost/recovered today: 1

Oil lost/recovered today: _____

Ending fluid to be recovered: 1481

Cum oil recovered: _____

IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand fracCompany: BJ ServicesProcedure or Equipment detail: GB6 sands2500 gals of pad1915 gals W/ 1-4 ppg of 20/40 sand4276 gals W/ 4-6.5 ppg of 20/40 sandFlush W/ 3948 gals of slick water

COSTS

Weatherford frac plug \$2,400Betts frac wtr \$600NPC fuel gas \$80BJ Services - GB sds \$1,795BWWC - GB6 sds \$2,402NPC flowback hand \$200NPC supervision \$150Max TP: 2399 Max Rate: 25 BPM Total fluid pmpd: 301 bblsAvg TP: 2043 Avg Rate: 24.7 BPM Total Prop pmpd: 25,272#ISIP: 1830 5 min: _____ 10 min: _____ FG: .89Completion Supervisor: Gary DietzDAILY COST: \$7,627TOTAL WELL COST: \$343,496



DAILY COMPLETION REPORT

WELL NAME: Jonah Federal 16-14-9-16Report Date: Nov. 11, 2005Day: 04Operation: CompletionRig: NC #3

WELL STATUS

Surf Csg: 8-5/8' @ 310' Prod Csg: 5-1/2" @ 5803' Csg PBTD: 5686'WL
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 3078' BP/Sand PBTD: 5230', 5050'
 BP/Sand PBTD: 4150'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4036-4042'	4/24			
A1 sds	4916-4921'	4/20			
A3 sds	4942-4954'	4/48			
LODC sds	5122-5132'	4/40			
CP2 sds	5374-5380'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Nov. 10, 2005SITP: SICP: 150

MIRU NC #3. Bleed pressure off well. Rec est 30 BTF. ND Cameron BOP & frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. Talley, drift, PU & TIH W/ used Weatherford 4 3/4" "Chomp" bit, bit sub & new 2 7/8 8rd 6.5# J-55 tbg to 3078'. SIFN W/ est 1451 BWTR.

□

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1481 Starting oil rec to date:
 Fluid lost/recovered today: 30 Oil lost/recovered today:
 Ending fluid to be recovered: 1451 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Job Type: Company: Procedure or Equipment detail:

Max TP: Max Rate: Total fluid pmpd: Avg TP: Avg Rate: Total Prop pmpd: ISIP: 5 min: 10 min: FG: Completion Supervisor: Gary Dietz

COSTS

NC #3 rig	\$1,601
Weatherford BOP(X2)	\$280
Betts wtr transfer	\$400
NDSI trucking	\$1,000
NDSI wtr & truck	\$400
Unichem chemicals	\$300
Aztec - new J55 tbg	\$28,934
NPC trucking	\$300
NPC sfc equipment	\$130,000
R & T labor/welding	\$13,600
Mt. West sanitation	\$550
Monks pit reclaim	\$1,800
NPC supervision	\$300
DAILY COST:	\$179,465
TOTAL WELL COST:	\$522,961



DAILY COMPLETION REPORT

WELL NAME: Jonah Federal 16-14-9-16Report Date: Nov. 12, 2005Day: 05Operation: CompletionRig: NC #3

WELL STATUS

Surf Csg: 8-5/8' @ 310' Prod Csg: 5-1/2" @ 5803' Csg PBTD: 5758'
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 5651' BP/Sand PBTD: 5744'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4036-4042'	4/24			
A1 sds	4916-4921'	4/20			
A3 sds	4942-4954'	4/48			
LODC sds	5122-5132'	4/40			
CP2 sds	5374-5380'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Nov. 11, 2005SITP: 0 SICP: 0

Con't PU & TIH W/ bit & tbg f/ 3078'. Tag fill @ 4130'. Tbg displaced 10 BW on TIH. RU power swivel. C/O sd & drill out composite bridge plugs as follows: sd @ 4130', plug @ 4150' in 32 minutes; no sd, plug @ 5050' in 28 minutes; sd @ 5202', plug @ 5230' in 27 minutes. Hang back swivel & con't PU tbg. Tag fill @ 5608'. PU swivel. Drill plug remains & sd to 5744' (lack 14' f/ PBTD @ 5758'). Circ hole clean W/ no fluid loss. RD swivel. Pull EOT to 5651'. RU swab equipment. IFL @ sfc. Made 11 swb runs rec 115 BTF light gas, tr oil & no sand. FFL @ 900'. SIFN W/ est 1326 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1451 Starting oil rec to date: _____
 Fluid lost/recovered today: 125 Oil lost/recovered today: _____
 Ending fluid to be recovered: 1326 Cum oil recovered: _____
 IFL: sfc FFL: 900' FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: tr

STIMULATION DETAIL

Base Fluid used: _____ Job Type: _____

Company: _____

Procedure or Equipment detail: _____

COSTS

NC #3 rig	\$4,675
Weatherford BOP	\$140
Four Star swivel	\$750
NPC location cleanup	\$300
RNI wtr disposal	\$3,000
CDI TA	\$525
CDI SN	\$80
NPC supervision	\$300

Max TP: _____ Max Rate: _____ Total fluid pmpd: _____

Avg TP: _____ Avg Rate: _____ Total Prop pmpd: _____

ISIP: _____ 5 min: _____ 10 min: _____ FG: _____

Completion Supervisor: Gary DietzDAILY COST: \$9,770TOTAL WELL COST: \$532,731

TOTAL WELL COST: \$549,940

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 3992'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 188' balance plug using 22 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 42 sx Class "G" Cement down 5-1/2" casing to 360'

The approximate cost to plug and abandon this well is \$59,344.

Jonah Federal 16-14-9-16

Spud Date: 10-14-05
 Put on Production: 11-14-05
 GL: 5626' KB: 5638'

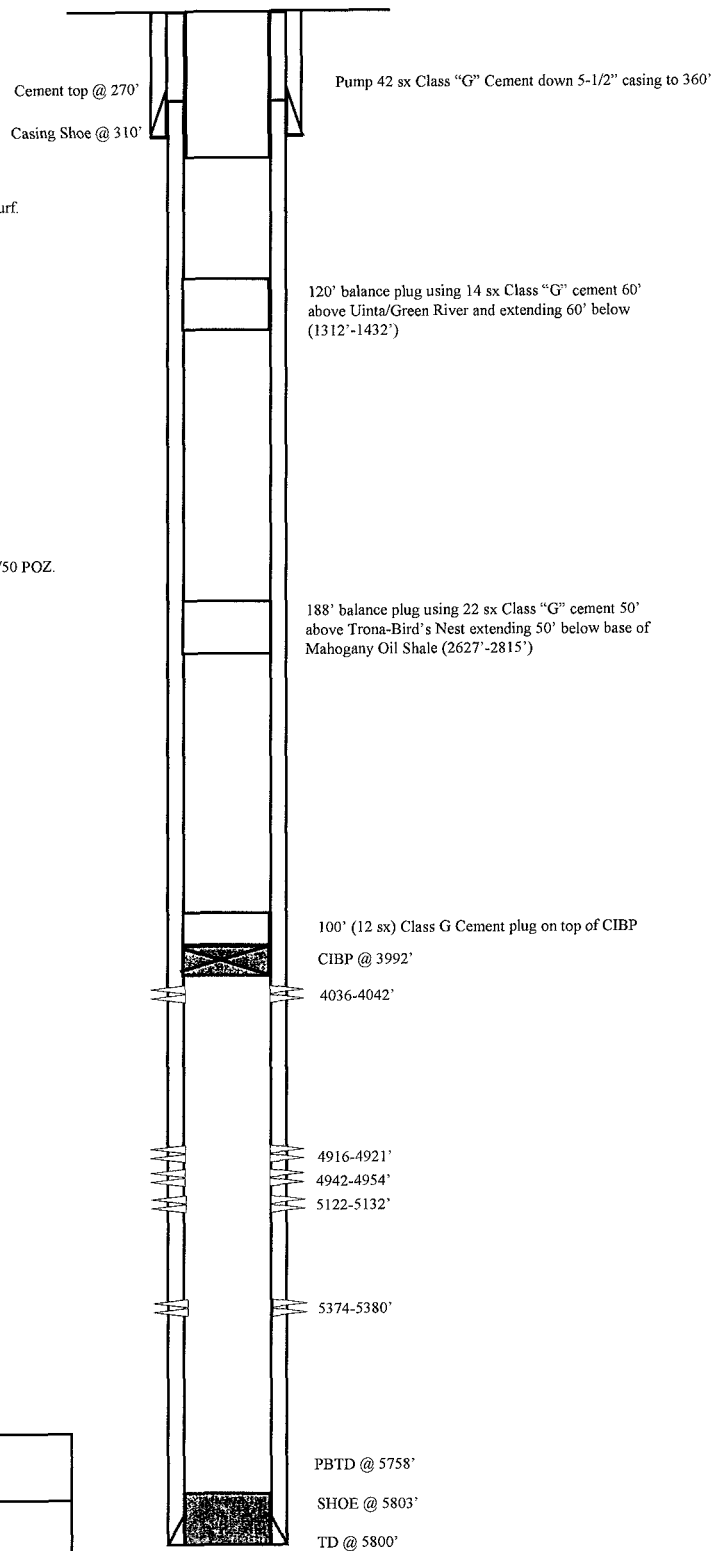
Initial Production: BOPD,
 MCFD, BWPD

Proposed P & A
Wellbore DiagramSURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (302.62')
 DEPTH LANDED: 310.02' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 130 jts (5790.42')
 DEPTH LANDED: 5803.67' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 270'

**NEWFIELD****Jonah Federal 16-14-9-16**

657' FSL & 758' FEL

SE/SE Section 14-T9S-R16E

Duchesne Co, Utah

API #43-013-32698; Lease #UTU-096547

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435 646 3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

657 FSL 758 FEL

SESE Section 14 T9S R16E

5. Lease Serial No.

USA UTU-096547

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

JONAH FEDERAL 16-14-9-16

9. API Well No.

4301332698

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	_____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Eric Sundberg

Signature

Title

Regulatory Lead

Date

7/16/10

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	8/17/2010

ACCOUNT NAME			
DIV OF OIL-GAS & MINING,			
TELEPHONE	ADORDER# / INVOICE NUM		
8015385340	0000607995 /		
SCHEDULE			
Start 08/16/2010		End 08/16/2010	
CUST. REF. NO.			
UIC 367			
CAPTION			
BEFORE THE DIVISION OF OIL, GAS AND MINI			
SIZE			
65	Lines	2.00	COLUMN
TIMES		RATE	
4			
MISC. CHARGES		AD CHARGES	
TOTAL COST			
223.40			

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-367

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 14, 15, AND 22, TOWNSHIP SOUTH, RANGE 15 EAST, AND SECTIONS 9 AND 14, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, A CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicatory proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
Ashley Federal 12-14-9-15 well located in NW/4SW/4 Section 14, Township 9 South, Range 15 East
Ashley Federal 14-15-9-15 well located in SE/4SW/4, Section 15, Township 9 South, Range 15 East
Ashley Federal 2-22-9-15 well located in NW/4NE/4, Section 22, Township 9 South, Range 15 East
South Wells Draw Federal 1-9-9-16 well located in NE/4NE/4, Section 9, Township 9 South, Range 16 East
Utah Federal 14-14-9-16 well located in SE/4 SE/4, Section 14, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, a P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedures rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 11th day of August, 2010.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Brad Hill
Brad Hill

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINI** FOR **DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH, NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY.

PUBLISHED ON Start 08/16/2010 End 08/16/2010

SIGNATURE

DATE 8/17/2010

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

22501PER/GC/INCAADMIN/GF10/6131



Virginia Craft

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663

The Salt Lake Tribune
www.sltrib.com

MEDIA One
OF UTAH
A NEWSPAPER AGENCY COMPANY
www.mediadivision.com

Deseret News
www.deseretnews.com

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	8/17/2010

ACCOUNT NAME			
DIV OF OIL-GAS & MINING,			
TELEPHONE		ADORDER# / INVOICE NUM	
8015385340		0000607995 /	
SCHEDULE			
Start 08/16/2010		End 08/16/2010	
CUST. REF. NO.			
UIC 367			
CAPTION			
BEFORE THE DIVISION OF OIL, GAS AND MINI			
SIZE			
65 Lines		2.00 COLUMN	
TIMES		RATE	
4			
MISC. CHARGES		AD CHARGES	
		TOTAL COST	
		223.40	

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-367

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 14, 15, AND 22, TOWNSHIP SOUTH, RANGE 15 EAST, AND SECTIONS 9 AND 14, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, A CLASS II INJECTION WELLS.

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Ashley Federal 14-15-9-15 well located in SE/4SW/4, Section 15, Township 9 South, Range 15 East
Ashley Federal 2-22-9-15 well located in NW/4NE/4, Section 22, Township 9 South, Range 15 East
South Wells Draw Federal 1-9-9-16 well located in NE/4NE/4, Section 9, Township 9 South, Range 16 East
Jordan Federal 16-14-9-16 well located in SE/4 SE/4, Section 14, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, c/o P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 11th day of August, 2010.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Brad Hill
Brad Hill
Permitting Manager

607995

UPAXLP

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINI** FOR **DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY.

PUBLISHED ON Start 08/16/2010 End 08/16/2010

SIGNATURE

DATE 8/17/2010

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

VIRGINIA CRAFT
Notary Public, State of Utah
Commission # 581469
My Commission Expires
January 12, 2014

Virginia Craft

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Geoff Liesik on oath, say that I am the EDITOR of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 17th day of August, 20 10, and that the last publication of such notice was in the issue of such newspaper dated the 17th day of August, 20 10, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Editor

Subscribed and sworn to before me this

17 day of August, 20 10

Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-367

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 14, 15, AND 22, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 9 AND 14, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

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Ashley Federal 14-15-9-15 well located in SE/4SW/4, Section 15, Township 9 South, Range 15 East

Ashley Federal 2-22-9-15 well located in NW/4NE/4, Section 22, Township 9 South, Range 15 East

South Wells Draw Federal 1-9-9-16 well located in NE/4NE/4, Section 9,

Township 9 South, Range 16 East

Jonah Federal 16-14-9-16 well located in SE/4 SE/4, Section 14, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

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Dated this 11th day of August, 2010.

STATE OF UTAH
DIVISION OF OIL,
GAS & MINING

/s/

Brad Hill

Permitting Manager

Published in the Uintah Basin Standard Aug. 17, 2010.

Send Payments to:
Uintah Basin Standard
268 S 200 E
Roosevelt, Utah 84066

Phone: 435-722-5131
Fax: 435-722-4140



Invoice Number	4195	Invoice Date	8/17/2010
Advertiser No.	2080	Invoice Amount	\$108.00
		Due Date	9/16/2010

Rose Nolton
DIVISION OF OIL GAS & MINING
1594 W. N.TEMPLE STE 121
PO BOX 145801
SALT LAKE CITY, UT 84114-5801

1 1/2% fee will be charged to all
past due balances.

Amount Enclosed

Please detach top portion and return with your payment.

INVOICE

Uintah Basin Standard

DIVISION OF OIL
GAS & MINING

Invoice No. 4195

8/17/2010

Date	Order	Publications	Description	Ad Size	Sales Tax	Amount
8/17/2010	2190	1	Notice of Agency Action (Newfield Cause No. UIC-367) Pub Aug 17, 2010 Uintah Basin Standard		\$0.00	\$108.00
Total Transactions: 1					\$0.00	\$108.00

SUMMARY

Advertiser No. 2080

Invoice No. 4195

1 1/2% fee will be charged to all past due balances.

Thank You for your business!

Thank you for advertising with us, we appreciate your business!

RECEIVED

AUG 19 2010

DIV. OF OIL, GAS & MINING

2250/REB/GGUAADMIN/GF10/0131

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-367

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 14, 15, AND 22, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 9 AND 14, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Ashley Federal 12-14-9-15 well located in NW/4SW/4, Section 14, Township 9 South, Range 15 East
Ashley Federal 14-15-9-15 well located in SE/4SW/4, Section 15, Township 9 South, Range 15 East
Ashley Federal 2-22-9-15 well located in NW/4NE/4, Section 22, Township 9 South, Range 15 East
South Wells Draw Federal 1-9-9-16 well located in NE/4NE/4, Section 9, Township 9 South, Range 16 East
Jonah Federal 16-14-9-16 well located in SE/4 SE/4, Section 14, Township 9 South, Range 16 East

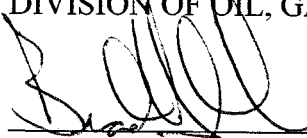
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 11th day of August, 2010.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

**ASHLEY FEDERAL 12-14-9-15, ASHLEY FEDERAL 14-15-9-15,
ASHLEY FEDERAL 2-22-9-15, SOUTH WELLS DRAW FEDERAL 1-9-9-16,
JONAH FEDERAL 16-14-9-16.**

Cause No. UIC-367

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

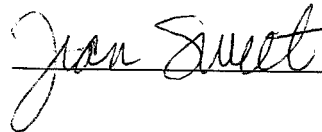
Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078



From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: <jsweet@utah.gov>
Date: 8/12/2010 11:07 AM
Subject: CAUSE NO. UIC-367

Subject public notice will be published Aug. 17, 2010

Thank you

Cindy



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

August 11, 2010

Via e-mail: ubs@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-367

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Jean Sweet - RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-367

From: "NAC Legal" <naclegal@mediaoneutah.com>
To: "Jean Sweet" <jsweet@utah.gov>
Date: 8/11/2010 4:24 PM
Subject: RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-367

Ad #607995 is scheduled to run August 16th in Salt Lake Tribune, Deseret News and on the website: utahlegals.com

Total charge is \$223.40. Please check the ad in the papers.

Thank you,

Lynn Valdez
MEDIAONE OF UTAH,
a Newspaper Agency Company
4770 South 5600 West
West Valley City, Utah 84118
Ph.: 801-204-6245
Email: naclegal@mediaoneutah.com

From: Jean Sweet [mailto:jsweet@utah.gov]
Sent: Wednesday, August 11, 2010 1:39 PM
To: naclegal@mediaoneutah.com
Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-367

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

August 11, 2010

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-367

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Mark Reinbold - Newfield MB 8-14-9-16/LA-14-9-16 Intersection Area Well Plans...Request for BLM approval....

From: "Tom Walker" <twalker@newfield.com>
To: <Robin_L_Hansen@blm.gov>
Date: 2/10/2011 8:45 AM
Subject: Newfield MB 8-14-9-16/LA-14-9-16 Intersection Area Well Plans...Request for BLM approval....
CC: <bradhill@utah.gov>, "Dustin Doucet" <DUSTINDOUCET@utah.gov>, "Reinbold,..."
Attachments: FW: 8-14-9-16 = P&A Recommendation for review pre NOI...; FW: Jonah Unit 8-14-9-16

Hello Robin:

We have developed a forward plan on the subject situation with the Utah Division of Oil, Gas and Mining that we are submitting to you for your review and approval.

Long story short, we drilled through the 8-14-9-16 while drilling the LA-14-9-16. The LA-14 is on production making about 14 BOPD with a 50% water cut. Last summer we fished everything we could out of the 8-14 down to the intersection point at 1100' and found lots of cement which is good from a pressure integrity standpoint. The recovered tubing stub (picture in attached email) indicates that the LA-14 had a direct center hit right through the 8-14. Given this, we submitted a P&A plan (attached) to the BLM and State. Your predecessor, Ryan Angus, was fully involved in this situation and was good with that proposal. However, the State UIC department was not. So, I worked with the State (Dustin, Brad and Mark) and internally with Newfield Exploration on the new proposed plan below.

- 1) Turn the 8-14-9-16 into a pressure and potential fluid observation well.
 - This well will not be P&A'd.
 - We will submit a sundry to run 2-7/8" tubing with a packer to allow for pressure monitoring from surface and if required fluid swabbing.
 - We reviewed and concur with Dustin that the well has production casing cement integrity to +/- 400'.
 - We will want to install a well house (similar to our water injection wells) and likely some methanol water or similar at the top of the well to assure it doesn't freeze up.
 - If the well ever experienced "water flood break through" with high pressure injected water, we would be able to down squeeze cement into the well per Dustin.
- 2) Submit an APD to drill a new pressure and potential fluid observation well on the 8-14-9-14 pad.
 - The State calls this a "test well".
 - The conductor will be 8-5/8" casing set and cemented at 30'.
 - This well will be drilled to 1200' with our spud rig. We will then fill the hole with fresh water and log with a triple combo formation evaluation log suite.
 - We will run and cement 5.5" casing and perforate two sands after reviewing the logs at approximate depths of 1,050-1,055 and 1,150-1,155' (from the 8-14 logs). These zones are good quality near the base of saline ground water.
 - We will run 2-7/8" tubing with a packer to allow for pressure monitoring from surface and fluid swabbing.
 - We will swab water for a baseline.
 - As with the 8-14-9-16 observation well, we will want a well house and other measure to assure no freezing occurs.
- 3) Collection of baseline fluids and pressures from both observation wells will be conducted.
- 4) Submit an APD to drill a new directionally drilled injection well to replace the 8-14-9-16 well from the adjacent 9-14-9-16 pad.

- We have determined that we don't have enough room on the 8-14-9-16 well site for this well with the existing two wells and the new observation well.
 - This new well will have a bottom hole location approximately 100' east of the old well.
 - We will stimulate this well and put it on injection.
- 5) We will monitor both observation well pressures weekly.
- 6) We will submit a quarterly report to the State and BLM.
- 7) Dustin recommended swabbing water samples once per year. Also we will swab a water sample if we see any observation well pressures changes.
- 8) Note per the attached email that four conversions in the area are on hold pending this work.

Please advise back with your approval of the above. With your approval, NOI/Sundry and APD's will follow.

Any comments are appreciated. Thanks for your time.

Regards,

Tom J. Walker P.E.
Operations Engineer
Newfield Exploration - Rocky Mountains
twalker@newfield.com
303-383-4114 Office
303-396-7843 Cell
303-893-0103 Fax



Mark Reinbold - Tops for 8-14-9-16

From: "Steve Adams" <sdadams@newfield.com>
To: "Tom Walker" <twalker@newfield.com>
Date: 7/13/2010 7:00 AM
Subject: Tops for 8-14-9-16

Here you go...

UWI (APINum)	43013320540000
Well Label	Jonah Unit 8-14-9-16
Section	14
Township	9S
Range	16E
DEPTH_TO_BASE_MOD_SALINE_GW	1874
GRN_RVR_EPA	1445
TRONA_TOP	2780
TRONA_BASE	2827
MAHOGANY_BENCH_TOP	2834
MAHOGANY_BENCH_BASE	2856
GG	3561
GG1	3768
GG2	3878
PT_3_MKR	4145
X_MKR	4394
Y_MKR	4436
DGCK	4560
BI-CARB	4794
BLS	4910
CPLS	5418
BSCARB	NDE
WASATCH	NDE



Well Name: JONAH 8-14-9-16

AFE: 22242

Report Date: 7/6/10

Operation: T_{OOH} w/ tbg

Field: GMBU CTB5

Rig Name:

WWS #3

Work Performed:

7/5/2010

Location: S14 T9S R16E

Supervisor:

Aaron Manning

Day:

1

County: DUCHESNE

Phone:

435- 823-1087

Daily Cost:

\$4,793

State: UT

Email:

amanning@newfield.com

Cum DWR:

\$4,793

Reason for Workover: Workover

24 Hr	MIRUSU. Circulate well clean.
-------	-------------------------------

Summary:

24 Hr Plan	Circulate condensate out of well. TOO H w/ tbg
------------	--

Forward:

Incidents:

Comments

1

Critical Comments

Activity Summary

0 Hr(s); P : MIRUSU. ND wellhead. NU BOPs. Pump 30 BW down tbq @ 250°. Pump 50 bbls condensate down tbq. SWIFN.□

Failures

Failure Date		Failures	
Failure 1			
Failure 2			
Failure 3			
Failure 4			
Failure 5			
Contr. Factors			
Location			



Daily Workover Report


Well Name: JONAH 8-14-9-16

Report Date: 7/6/10

Cum. DWR: \$4,793

	Code	Description	Comments	Daily	Cum.
	891101	Base / Field Office Operations		\$0	\$0
	891102	Cased Hole Electric Wireline		\$0	\$0
	891103	Casing Crews & Running Tools - Casing &		\$0	\$0
	891105	Cementing		\$0	\$0
	891106	Chemical Treatment - Surface		\$0	\$0
	891107	Chemical Treatment - Subsurface		\$0	\$0
	891108	Coiled Tubing Units		\$0	\$0
	891109	Communications		\$0	\$0
	891110	Consultants		\$0	\$0
	891111	Core / Fluid Analysis		\$0	\$0
	891113	Directional Drilling Operations		\$0	\$0
	891115	Engineering - Process		\$0	\$0
	891116	Engineering - Structural		\$0	\$0
	891117	Environment & Safety		\$0	\$0
	891118	Filtration		\$0	\$0
	891119	Fishing Operations		\$0	\$0
	891120	Fluid Disposal		\$0	\$0
	891121	Formation Evaluation		\$0	\$0
	891122	Formation Stimulation - Fracturing		\$0	\$0
	891123	Formation Stimulation - Other		\$0	\$0
	891125	Hanger - Liner		\$0	\$0
	891127	Hookup Services		\$0	\$0
	891128	Hot Oiling Services	D&M	\$1,000	\$1,000
	891129	Inspection - Bottom Hole Assembly		\$0	\$0
	891130	Inspection - Casing		\$0	\$0
	891131	Inspection - Drill Pipe		\$0	\$0
	891132	Inspection - Site		\$0	\$0
	891133	Inspection - Tubing		\$0	\$0
	891135	Installation / Removal - Pipeline		\$0	\$0
	891138	Instrumentation		\$0	\$0
	891139	Labor - Company Supervision	Aaron Manning	\$300	\$300
	891140	Labor - Company Employees		\$0	\$0
	891141	Labor - Contract Employees		\$0	\$0
	891143	Location Preparation		\$0	\$0
	891144	Location Remediation & Maintenance		\$0	\$0
	891145	Measurement		\$0	\$0
	891146	Miscellaneous Services -		\$0	\$0
	891147	Mud Logging Services		\$0	\$0
	891148	Nitrogen Services		\$0	\$0
	891149	Project Management		\$0	\$0
	891150	Rig Costs - Dayrate	WWS #3	\$2,343	\$2,343
	891153	Rig Mob & Demob		\$0	\$0
	891155	Slickline Services		\$0	\$0
	891156	Survey - Location		\$0	\$0
	891157	Survey - Well		\$0	\$0
	891158	Testing - Tubing		\$0	\$0
	891159	Testing - Well & Well Flowback		\$0	\$0
	891160	Testing - Well Control Equipment		\$0	\$0
	891162	Transportation - Land	Zubiate	\$350	\$350
	891164	Transportation - Fuel		\$0	\$0
	891165	Tubular Conveyed Perforating & Drill Stem		\$0	\$0
	891166	Welding		\$0	\$0
	891304	Completion Fluids	ITL	\$800	\$800
	891306	Condensate		\$0	\$0
	891307	Cranes		\$0	\$0
	891311	Electrical		\$0	\$0
	891312	Facilities - Processing		\$0	\$0
	891313	Fuel - Rigs / Lease (Delivered)		\$0	\$0
	891314	Fuel Gas (Produced)		\$0	\$0
	891315	Fuel Gas System		\$0	\$0
	891324	Living Quarters		\$0	\$0
	891325	Lost in Hole		\$0	\$0
	891329	Mud - Drilling		\$0	\$0
	891330	Mud Monitoring & Processing		\$0	\$0
	891341	Stabilizer, Under Reamer, Hole Opener		\$0	\$0
	891348	Utility Systems - RENTAL GENERATOR		\$0	\$0
	891350	Water		\$0	\$0
	891501	Insurance		\$0	\$0
	891502	Land Owner Fees		\$0	\$0
	891503	Legal Fees		\$0	\$0
	891511	Regulatory Compliance		\$0	\$0
	891963	Contingency		\$0	\$0
	891965	Overhead		\$0	\$0
	Total Intangible			\$4,793	\$4,793

Intangible Costs

NEWFIELD  ROCKY MOUNTAINS		Daily Workover Report		Well Name: JONAH 8-14-9-16	
				Report Date: 7/6/10	
				Cum. DWR: \$4,793	
Tangible Costs	891301	Bits		\$0	\$0
	891302	Blow Out Preventors		\$0	\$0
	891305	Compressors		\$0	\$0
	891310	Drill String		\$0	\$0
	891316	Gas Lift Manifold		\$0	\$0
	891318	Generators		\$0	\$0
	891328	Miscellaneous Surface Equipment		\$0	\$0
	891335	Pipeline / Flowline		\$0	\$0
	891336	Pumps		\$0	\$0
	891337	Safety Equipment		\$0	\$0
	891338	Safety Systems		\$0	\$0
	891339	Salvage		\$0	\$0
	891342	Startup Material / Stock		\$0	\$0
	891343	Equipment		\$0	\$0
	891345	Tanks		\$0	\$0
	891346	Tools & Supplies		\$0	\$0
	891349	Vapor Recovery System		\$0	\$0
	891351	Water Handling Equipment		\$0	\$0
	891601	Artificial Lift		\$0	\$0
	891602	Casing Accessories		\$0	\$0
	891603	Miscellaneous Subsurface Equipment		\$0	\$0
	891604	Packers & Liner Hangers		\$0	\$0
	891607	Pipe - Conductor Casing		\$0	\$0
	891608	Pipe - Surface Casing		\$0	\$0
	891609	Pipe - Intermediate Casing		\$0	\$0
	891610	Pipe - Production Casing		\$0	\$0
	891611	Pipe - Casing Liners		\$0	\$0
	891612	Pipe - Tieback Casing		\$0	\$0
	891613	Pipe - Tubing		\$0	\$0
	891614	Rods		\$0	\$0
	891615	Safety Valves		\$0	\$0
	891616	Tubing Accessories		\$0	\$0
	891617	Wellhead		\$0	\$0
			Total Tangible	\$0	\$0
			Total Daily Costs	\$4,793	\$4,793



Well Name: JONAH 8-14-9-16

AFE: 22242

Report Date: 7/7/10

Operation: Run down hole camera

Field:	GMBU CTB5
Location:	S14 T9S R16E
County:	DUCHESNE
State:	UT

Rig Name:	WWS #3	Work Performed:	7/6/2010
Supervisor:	Aaron Manning	Day:	2
Phone:	435- 823-1087	Daily Cost:	\$11,490
Email:	amanning@newfield.com	Cum DWR:	\$16,283

Reason for Workover: Workover

24 Hr Summary:	TOOH w/ tbg. TIH w/ mill & clean out inside of fish.
-------------------	--

24 Hr Plan Forward:	Run down hole camera.
---------------------	-----------------------

Incidents:	None	Newfield Pers:	1	Contract Pers:	10	Conditions:
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Critical Comments

Activity Summary

0 Hr(s); P: RU hot oiler. Circulate well clean. TOOH w/ 30- jts 2 7/8" tbgs. PU mill, 6- jts 1.9" tbgs & TIH w/ 2 7/8" tbgs. Tag fish top @ 95'. Work mill into 2 7/8" fish. Tag fill @ 1074'. RU power swivel. Mill out to 1093'. Started to get metal in returns. Circulate well clean. RD power swivel. TOOH & LD 1.9" tbgs & mill. MU & TIH w/ overshot & tbgs to fish top @ 952'. □

Failures

Failure Date		Failures		
Failure 1				
Failure 2				
Failure 3				
Failure 4				
Failure 5				
Contr. Factors				
Location				




Daily Workover Report


Well Name: JONAH 8-14-9-16

Report Date: 7/7/10

Cum DWR: \$16,283

[illegible][illegible][illegible][illegible]

NEWFIELD		Daily Workover Report		Well Name: JONAH 8-14-9-16	
				Report Date: 7/7/10	
ROCKY MOUNTAINS				Cum. DWR: \$16,283	
Intangible Costs	Code	Description	Comments	Daily	Cum.
	891101	Base / Field Office Operations		\$0	\$0
	891102	Cased Hole Electric Wireline		\$0	\$0
	891103	Casing Crews & Running Tools - Casing &		\$0	\$0
	891105	Cementing		\$0	\$0
	891106	Chemical Treatment - Surface		\$0	\$0
	891107	Chemical Treatment - Subsurface		\$0	\$0
	891108	Coiled Tubing Units		\$0	\$0
	891109	Communications		\$0	\$0
	891110	Consultants		\$0	\$0
	891111	Core / Fluid Analysis		\$0	\$0
	891113	Directional Drilling Operations		\$0	\$0
	891115	Engineering - Process		\$0	\$0
	891116	Engineering - Structural		\$0	\$0
	891117	Environment & Safety		\$0	\$0
	891118	Filtration		\$0	\$0
	891119	Fishing Operations	RBS	\$3,235	\$3,235
	891120	Fluid Disposal	RNI	\$500	\$500
	891121	Formation Evaluation		\$0	\$0
	891122	Formation Stimulation - Fracturing		\$0	\$0
	891123	Formation Stimulation - Other		\$0	\$0
	891125	Hanger - Liner		\$0	\$0
	891127	Hookup Services		\$0	\$0
	891128	Hot Oiling Services	Heat waves	\$1,315	\$2,315
	891129	Inspection - Bottom Hole Assembly		\$0	\$0
	891130	Inspection - Casing		\$0	\$0
	891131	Inspection - Drill Pipe		\$0	\$0
	891132	Inspection - Site		\$0	\$0
	891133	Inspection - Tubing		\$0	\$0
	891135	Installation / Removal - Pipeline		\$0	\$0
	891138	Instrumentation		\$0	\$0
	891139	Labor - Company Supervision	Aaron Manning	\$300	\$600
	891140	Labor - Company Employees		\$0	\$0
	891141	Labor - Contract Employees		\$0	\$0
	891143	Location Preparation		\$0	\$0
	891144	Location Remediation & Maintenance		\$0	\$0
	891145	Measurement		\$0	\$0
	891146	Miscellaneous Services -		\$0	\$0
	891147	Mud Logging Services		\$0	\$0
	891148	Nitrogen Services		\$0	\$0
	891149	Project Management		\$0	\$0
	891150	Rig Costs - Dayrate	WWS #3 \$3965, RBS PS \$650	\$4,615	\$6,958
	891153	Rig Mob & Demob		\$0	\$0
	891155	Slickline Services		\$0	\$0
	891156	Survey - Location		\$0	\$0
	891157	Survey - Well		\$0	\$0
	891158	Testing - Tubing		\$0	\$0
	891159	Testing - Well & Well Flowback		\$0	\$0
	891160	Testing - Well Control Equipment		\$0	\$0
	891162	Transportation - Land	COS	\$525	\$875
891164	Transportation - Fuel		\$0	\$0	
891165	Tubular Conveyed Perforating & Drill Stem		\$0	\$0	
891166	Welding		\$0	\$0	
891304	Completion Fluids	ITL	\$1,000	\$1,800	
891306	Condensate		\$0	\$0	
891307	Cranes		\$0	\$0	
891311	Electrical		\$0	\$0	
891312	Facilities - Processing		\$0	\$0	
891313	Fuel - Rigs / Lease (Delivered)		\$0	\$0	
891314	Fuel Gas (Produced)		\$0	\$0	
891315	Fuel Gas System		\$0	\$0	
891324	Living Quarters		\$0	\$0	
891325	Lost in Hole		\$0	\$0	
891329	Mud - Drilling		\$0	\$0	
891330	Mud Monitoring & Processing		\$0	\$0	
891341	Stabilizer, Under Reamer, Hole Opener		\$0	\$0	
891348	Utility Systems - RENTAL GENERATOR		\$0	\$0	
891350	Water		\$0	\$0	
891501	Insurance		\$0	\$0	
891502	Land Owner Fees		\$0	\$0	
891503	Legal Fees		\$0	\$0	
891511	Regulatory Compliance		\$0	\$0	
891963	Contingency		\$0	\$0	
891965	Overhead		\$0	\$0	
Total Intangible				\$11,490	\$16,283

<div>NEWFIELD</div> <div>ROCKY MOUNTAINS</div>			Daily Workover Report		Well Name: JONAH 8-14-9-16	
			Report Date: 7/7/10		Cum. DWR: \$16,283	
Tangible Costs	891301	Bits		\$0	\$0	
	891302	Blow Out Preventors		\$0	\$0	
	891305	Compressors		\$0	\$0	
	891310	Drill String		\$0	\$0	
	891316	Gas Lift Manifold		\$0	\$0	
	891318	Generators		\$0	\$0	
	891328	Miscellaneous Surface Equipment		\$0	\$0	
	891335	Pipeline / Flowline		\$0	\$0	
	891336	Pumps		\$0	\$0	
	891337	Safety Equipment		\$0	\$0	
	891338	Safety Systems		\$0	\$0	
	891339	Salvage		\$0	\$0	
	891342	Startup Material / Stock		\$0	\$0	
	891343	Structural Repairs / Major Surface Equipment		\$0	\$0	
	891345	Tanks		\$0	\$0	
	891346	Tools & Supplies		\$0	\$0	
	891349	Vapor Recovery System		\$0	\$0	
	891351	Water Handling Equipment		\$0	\$0	
	891601	Artificial Lift		\$0	\$0	
	891602	Casing Accessories		\$0	\$0	
	891603	Miscellaneous Subsurface Equipment		\$0	\$0	
	891604	Packers & Liner Hangers		\$0	\$0	
	891607	Pipe - Conductor Casing		\$0	\$0	
	891608	Pipe - Surface Casing		\$0	\$0	
	891609	Pipe - Intermediate Casing		\$0	\$0	
	891610	Pipe - Production Casing		\$0	\$0	
	891611	Pipe - Casing Liners		\$0	\$0	
	891612	Pipe - Tieback Casing		\$0	\$0	
	891613	Pipe - Tubing		\$0	\$0	
	891614	Rods		\$0	\$0	
	891615	Safety Valves		\$0	\$0	
	891616	Tubing Accessories		\$0	\$0	
	891617	Wellhead		\$0	\$0	
			Total Tangible	\$0	\$0	
			Total Daily Costs	\$11,490	\$16,283	



Well Name: JONAH 8-14-9-16

AFE: 22242

Report Date: 7/8/10

Operation: Cut off tbg

Field:	GMBU CTB5
Location:	S14 T9S R16E
County:	DUCHESNE
State:	UT

Rig Name:	WWS #3	Work Performed:	7/7/2010
Supervisor:	Aaron Manning	Day:	3
Phone:	435- 823-1087	Daily Cost:	\$32,241
Email:	amanning@newfield.com	Cum DWR:	\$48,524

Reason for Workover: Workover

24 Hr Summary:	Wash over fish
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24 Hr Plan Forward:	Cut tbg, TIH w/ overshot
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Incidents:	None	Newfield Pers:	3	Contract Pers:	10	Conditions:
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Critical Comments

Activity Summary

0 Hr(s); P : RU WLT. RIH w/ down hole camera to 1091'. Could not see due to fill. POOH w/ camera. TOOH w/ tbg. PU & TIH w/ mill, 6- jts 1.9" tbg & 2 7/8" tbg to 1092'. Circulate well w/ 150 bbls fresh water. TOOH w/ tbg. RIH w/ down hole camera to 1092'. RD WLT. PU & TIH w/ shoe, 5- jts 4 1/2" wash over pipe, Bowen LBS, Bowen jar & 2 7/8" tbg. Tag cement @ 986'. RU power swivel. Wash over fish to 1072'. Circulate well clean. RD power swivel. POOH w/ tbg & place EOT @ 869. SWIFN.

Failures

Failure Date				
Failure 1				
Failure 2				
Failure 3				
Failure 4				
Failure 5				
Contr. Factors				
Location				



Daily Workover Report

Well Name: JONAH 8-14-9-16

Report Date: 7/8/10

Cum DWR: \$48,524

[illegible][illegible][illegible]

Pump Notes:													
Pump Unit Description:													
Motor Size:		0		Motor Descr.:									
Pump Type		Max ID		Plunger Size		Bbl Lng		Ext Lng		Ext Lng 2		Description	
Insert Pump		2.5		1.5		16'		0'		0'			
psi, 64s, bbls, mcf		TP	CP	Choke	Oil Vol	Oil Rate		Water Vol		Water Rate	Gas Vol		Gas Rate
Daily Total													
Well Total													




Daily Workover Report

Well Name: JONAH 8-14-9-16

Report Date: 7/8/10

Cum. DWR: \$48,524

	Code	Description	Comments	Daily	Cum.
Intangible Costs	891101	Base / Field Office Operations		\$0	\$0
	891102	Cased Hole Electric Wireline	Perforators \$1550, EXPRO \$10400	\$11,950	\$11,950
	891103	Casing Crews & Running Tools - Casing &		\$0	\$0
	891105	Cementing		\$0	\$0
	891106	Chemical Treatment - Surface		\$0	\$0
	891107	Chemical Treatment - Subsurface		\$0	\$0
	891108	Coiled Tubing Units		\$0	\$0
	891109	Communications		\$0	\$0
	891110	Consultants		\$0	\$0
	891111	Core / Fluid Analysis		\$0	\$0
	891113	Directional Drilling Operations		\$0	\$0
	891115	Engineering - Process		\$0	\$0
	891116	Engineering - Structural		\$0	\$0
	891117	Environment & Safety		\$0	\$0
	891118	Filtration		\$0	\$0
	891119	Fishing Operations	RBS	\$14,285	\$17,520
	891120	Fluid Disposal		\$0	\$500
	891121	Formation Evaluation		\$0	\$0
	891122	Formation Stimulation - Fracturing		\$0	\$0
	891123	Formation Stimulation - Other		\$0	\$0
	891125	Hanger - Liner		\$0	\$0
	891127	Hookup Services		\$0	\$0
	891128	Hot Oiling Services		\$0	\$2,315
	891129	Inspection - Bottom Hole Assembly		\$0	\$0
	891130	Inspection - Casing		\$0	\$0
	891131	Inspection - Drill Pipe		\$0	\$0
	891132	Inspection - Site		\$0	\$0
	891133	Inspection - Tubing		\$0	\$0
	891135	Installation / Removal - Pipeline		\$0	\$0
	891138	Instrumentation		\$0	\$0
	891139	Labor - Company Supervision	Aaron Manning	\$300	\$900
	891140	Labor - Company Employees		\$0	\$0
	891141	Labor - Contract Employees		\$0	\$0
	891143	Location Preparation		\$0	\$0
	891144	Location Remediation & Maintenance		\$0	\$0
	891145	Measurement		\$0	\$0
	891146	Miscellaneous Services -		\$0	\$0
	891147	Mud Logging Services		\$0	\$0
	891148	Nitrogen Services		\$0	\$0
	891149	Project Management		\$0	\$0
	891150	Rig Costs - Dayrate	WWS #3 \$5106, RBS \$650	\$5,706	\$12,664
	891153	Rig Mob & Demob		\$0	\$0
	891155	Slickline Services		\$0	\$0
	891156	Survey - Location		\$0	\$0
	891157	Survey - Well		\$0	\$0
	891158	Testing - Tubing		\$0	\$0
	891159	Testing - Well & Well Flowback		\$0	\$0
	891160	Testing - Well Control Equipment		\$0	\$0
	891162	Transportation - Land		\$0	\$875
	891164	Transportation - Fuel		\$0	\$0
	891165	Tubular Conveyed Perforating & Drill Stem		\$0	\$0
	891166	Welding		\$0	\$0
	891304	Completion Fluids		\$0	\$1,800
	891306	Condensate		\$0	\$0
	891307	Cranes		\$0	\$0
	891311	Electrical		\$0	\$0
	891312	Facilities - Processing		\$0	\$0
	891313	Fuel - Rigs / Lease (Delivered)		\$0	\$0
	891314	Fuel Gas (Produced)		\$0	\$0
	891315	Fuel Gas System		\$0	\$0
	891324	Living Quarters		\$0	\$0
	891325	Lost in Hole		\$0	\$0
	891329	Mud - Drilling		\$0	\$0
	891330	Mud Monitoring & Processing		\$0	\$0
	891341	Stabilizer, Under Reamer, Hole Opener		\$0	\$0
	891348	Utility Systems - RENTAL GENERATOR		\$0	\$0
	891350	Water		\$0	\$0
	891501	Insurance		\$0	\$0
	891502	Land Owner Fees		\$0	\$0
	891503	Legal Fees		\$0	\$0
	891511	Regulatory Compliance		\$0	\$0
	891963	Contingency		\$0	\$0
	891965	Overhead		\$0	\$0
	Total Intangible			\$32,241	\$48,524

<div>NEWFIELD</div> <div>ROCKY MOUNTAINS</div>		Well Name: JONAH 8-14-9-16		
Daily Workover Report		Report Date: 7/8/10		
		Cum. DWR: \$48,524		
Tangible Costs	891301	Bits	\$0	\$0
	891302	Blow Out Preventors	\$0	\$0
	891305	Compressors	\$0	\$0
	891310	Drill String	\$0	\$0
	891316	Gas Lift Manifold	\$0	\$0
	891318	Generators	\$0	\$0
	891328	Miscellaneous Surface Equipment	\$0	\$0
	891335	Pipeline / Flowline	\$0	\$0
	891336	Pumps	\$0	\$0
	891337	Safety Equipment	\$0	\$0
	891338	Safety Systems	\$0	\$0
	891339	Salvage	\$0	\$0
	891342	Startup Material / Stock	\$0	\$0
	891343	Structural Repairs / Major Surface Equipment	\$0	\$0
	891345	Tanks	\$0	\$0
	891346	Tools & Supplies	\$0	\$0
	891349	Vapor Recovery System	\$0	\$0
	891351	Water Handling Equipment	\$0	\$0
	891601	Artificial Lift	\$0	\$0
	891602	Casing Accessories	\$0	\$0
	891603	Miscellaneous Subsurface Equipment	\$0	\$0
	891604	Packers & Liner Hangers	\$0	\$0
	891607	Pipe - Conductor Casing	\$0	\$0
	891608	Pipe - Surface Casing	\$0	\$0
	891609	Pipe - Intermediate Casing	\$0	\$0
	891610	Pipe - Production Casing	\$0	\$0
	891611	Pipe - Casing Liners	\$0	\$0
	891612	Pipe - Tieback Casing	\$0	\$0
	891613	Pipe - Tubing	\$0	\$0
	891614	Rods	\$0	\$0
	891615	Safety Valves	\$0	\$0
	891616	Tubing Accessories	\$0	\$0
	891617	Wellhead	\$0	\$0
		Total Tangible	\$0	\$0
		Total Daily Costs	\$32,241	\$48,524



Daily Workover Report

Well Name: JONAH 8-14-9-16

AFE: 22242

Report Date: 7/9/10

Operation: Drill out cement

Field:	GMBU CTB5
Location:	S14 T9S R16E
County:	DUCHESNE
State:	UT

Rig Name:	WWS #3	Work Performed:	7/8/2010
Supervisor:	Aaron Manning	Day:	4
Phone:	435- 823-1087	Daily Cost:	\$14,245
Email:	amanning@newfield.com	Cum DWR:	\$62,769

Reason for Workover: Workover

24 Hr Summary:	Cut off tbg, TIH & jar rest of fish loose
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24 Hr Plan	Clean out cement to +/- 1092'
Forward:	

Incidents:	None	Newfield Pers:	3	Contract Pers:	10	Conditions:
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Activity Summary

0 Hr(s); P : Continue TOOH & LD wash over pipe. PU & TIH w/ over shot and tbg. Latch onto fish @ 952'. RU WLT. RIH w/ WL & cut tbg @ 1070'. RD WLT. TOOH w/ tbg & LD fish (118.25'). PU & TIH w/ over shot, Bowen LBS, Bowen jar, 4- drill collars, Bowen intensifier, X-over sub & 2 7/8" tbg. Stack out @ 1039'. TOOH w/ tbg. TIH w/ 4 3/4" chomp bit, bit sub & 2 7/8" tbg. RU power swivel. Clean out to 1070'. Circulate well clean. TOOH w/ tbg & LD BHA. TIH w/ fishing BHA & tbg. Latch onto fish @ 1070'. Jar on fish twice and free tbg. Drag fish up hole 21' then came free. TOOH w/ tbg. LD fish (22.08'). PU & TIH w/ 4 3/4" chomp bit, jars & 30- jts 2 7/8" tbg. SWIFN. Total fish POOH 1092.78'.□

Failures

Failure Date				
Failure 1				
Failure 2				
Failure 3				
Failure 4				
Failure 5				
Contr. Factors				
Location				




Daily Workover Report

Well Name: JONAH 8-14-9-16

Report Date: 7/9/10

Cum DWR: \$62,769

Casing	Type	Size	Wght	Grade	Conn	Top	Bottom	PBTD	Upd. PBTD	TOC	Burst	Collapse	ID	Drift	Capacity	Comments
	Surface	8 5/8"	24	J-55	STC		304									
	Production	5 1/2"	15.5	J-55	STL		5689	5635		2,566'						
	Tubing Data	Component	Jts	Size	Wght	Grade	Conn	Length	Top	Btm	Condition	Transefrerd From	Comments			
		KB														
Tubing		###	2-7/8"	6.5	M-50	8 RND EUE	5010.6		5,011'							
Tubing Anchor		1	5 1/2"			8 RND EUE	2.8	5010.6	5,013'							
Tubing		2	2-7/8"	6.5	M-50	8 RND EUE	62.5	5013.4	5,076'							
Seating Nipple		1	2-7/8"			8 RND EUE	1.1	5075.9	5,077'							
Tubing		2	2-7/8"	6.5	M-50	8 RND EUE	62.5	5077.0	5,139'							
Notched Collar		1	2-7/8"			8 RND EUE	0.4	5139.5	5,140'							
Rod Detail		Count	Component	Size	Grade	Length	Top	Bottom	Comments	Stroke Length						
	1	Polish Rod	1 1/2"	4140	22		22		0							
	1	Pony Rod	3/4"	Norris 54	8	22	30									
	1	Guided Rod	3/4"	D(API)	25	30	55		SPM							
	97	Guided Rod	3/4"	Norris 54	2425	55	2480		0							
	97	Guided Rod	3/4"	D(API)	2425	2480	4905									
	4	Guided Rod	3/4"	Norris 54	100	4905	5005		Well on Prod. Date/Time							
	4	Sinker Bar	1 1/2"	C(API)	100	5005	5105									
									Well on Pump Date/Time							
	Flowback	Pump Notes:														
Pump Unit Description:																
Motor Size:			0	Motor Descr.:												
Pump Type			Max ID		Plunger Size		Bbl Lng		Ext Lng		Ext Lng 2	Description				
Insert Pump			2.5		1.5		16'		0'		0'					
psi, 64s, bbls, mcf		TP	CP		Choke	Oil Vol		Oil Rate		Water Vol		Water Rate	Gas Vol	Gas Rate		
Daily Total																
Well Total																

NEWFIELD		Well Name: JONAH 8-14-9-16			
		Report Date: 7/9/10			
ROCKY MOUNTAINS		Cum. DWR: \$62,769			
	Code	Description	Comments	Daily	Cum.
Intangible Costs	891101	Base / Field Office Operations		\$0	\$0
	891102	Cased Hole Electric Wireline		\$0	\$11,950
	891103	Casing Crews & Running Tools - Casing &		\$0	\$0
	891105	Cementing		\$0	\$0
	891106	Chemical Treatment - Surface		\$0	\$0
	891107	Chemical Treatment - Subsurface		\$0	\$0
	891108	Coiled Tubing Units		\$0	\$0
	891109	Communications		\$0	\$0
	891110	Consultants		\$0	\$0
	891111	Core / Fluid Analysis		\$0	\$0
	891113	Directional Drilling Operations		\$0	\$0
	891115	Engineering - Process		\$0	\$0
	891116	Engineering - Structural		\$0	\$0
	891117	Environment & Safety		\$0	\$0
	891118	Filtration		\$0	\$0
	891119	Fishing Operations	RBS	\$8,140	\$25,660
	891120	Fluid Disposal		\$0	\$500
	891121	Formation Evaluation		\$0	\$0
	891122	Formation Stimulation - Fracturing		\$0	\$0
	891123	Formation Stimulation - Other		\$0	\$0
	891125	Hanger - Liner		\$0	\$0
	891127	Hookup Services		\$0	\$0
	891128	Hot Oiling Services		\$0	\$2,315
	891129	Inspection - Bottom Hole Assembly		\$0	\$0
	891130	Inspection - Casing		\$0	\$0
	891131	Inspection - Drill Pipe		\$0	\$0
	891132	Inspection - Site		\$0	\$0
	891133	Inspection - Tubing		\$0	\$0
	891135	Installation / Removal - Pipeline		\$0	\$0
	891138	Instrumentation		\$0	\$0
	891139	Labor - Company Supervision	Aaron Manning	\$300	\$1,200
	891140	Labor - Company Employees		\$0	\$0
	891141	Labor - Contract Employees		\$0	\$0
	891143	Location Preparation		\$0	\$0
	891144	Location Remediation & Maintenance		\$0	\$0
	891145	Measurement		\$0	\$0
	891146	Miscellaneous Services -		\$0	\$0
	891147	Mud Logging Services		\$0	\$0
	891148	Nitrogen Services		\$0	\$0
	891149	Project Management		\$0	\$0
	891150	Rig Costs - Dayrate	WWS #3 \$4555, RBS PS \$650	\$5,205	\$17,869
	891153	Rig Mob & Demob		\$0	\$0
	891155	Slickline Services		\$0	\$0
	891156	Survey - Location		\$0	\$0
	891157	Survey - Well		\$0	\$0
	891158	Testing - Tubing		\$0	\$0
	891159	Testing - Well & Well Flowback		\$0	\$0
	891160	Testing - Well Control Equipment		\$0	\$0
	891162	Transportation - Land	NPC	\$600	\$1,475
	891164	Transportation - Fuel		\$0	\$0
	891165	Tubular Conveyed Perforating & Drill Stem		\$0	\$0
	891166	Welding		\$0	\$0
	891304	Completion Fluids		\$0	\$1,800
	891306	Condensate		\$0	\$0
	891307	Cranes		\$0	\$0
	891311	Electrical		\$0	\$0
	891312	Facilities - Processing		\$0	\$0
	891313	Fuel - Rigs / Lease (Delivered)		\$0	\$0
	891314	Fuel Gas (Produced)		\$0	\$0
	891315	Fuel Gas System		\$0	\$0
	891324	Living Quarters		\$0	\$0
	891325	Lost in Hole		\$0	\$0
	891329	Mud - Drilling		\$0	\$0
	891330	Mud Monitoring & Processing		\$0	\$0
	891341	Stabilizer, Under Reamer, Hole Opener		\$0	\$0
	891348	Utility Systems - RENTAL GENERATOR		\$0	\$0
	891350	Water		\$0	\$0
	891501	Insurance		\$0	\$0
	891502	Land Owner Fees		\$0	\$0
	891503	Legal Fees		\$0	\$0
	891511	Regulatory Compliance		\$0	\$0
	891963	Contingency		\$0	\$0
	891965	Overhead		\$0	\$0
	Total Intangible				\$14,245



Daily Workover Report

Well Name: JONAH 8-14-9-16


Report Date: 7/9/10

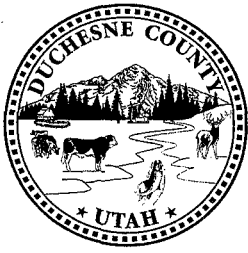
Cum. DWR: \$62,769

Tangible Costs	891301	Bits		\$0	\$0
	891302	Blow Out Preventors		\$0	\$0
	891305	Compressors		\$0	\$0
	891310	Drill String		\$0	\$0
	891316	Gas Lift Manifold		\$0	\$0
	891318	Generators		\$0	\$0
	891328	Miscellaneous Surface Equipment		\$0	\$0
	891335	Pipeline / Flowline		\$0	\$0
	891336	Pumps		\$0	\$0
	891337	Safety Equipment		\$0	\$0
	891338	Safety Systems		\$0	\$0
	891339	Salvage		\$0	\$0
	891342	Startup Material / Stock		\$0	\$0
	891343	Structural Repairs / Major Surface Equipment		\$0	\$0
	891345	Tanks		\$0	\$0
	891346	Tools & Supplies		\$0	\$0
	891349	Vapor Recovery System		\$0	\$0
	891351	Water Handling Equipment		\$0	\$0
	891601	Artificial Lift		\$0	\$0
	891602	Casing Accessories		\$0	\$0
	891603	Miscellaneous Subsurface Equipment		\$0	\$0
	891604	Packers & Liner Hangers		\$0	\$0
	891607	Pipe - Conductor Casing		\$0	\$0
	891608	Pipe - Surface Casing		\$0	\$0
	891609	Pipe - Intermediate Casing		\$0	\$0
	891610	Pipe - Production Casing		\$0	\$0
	891611	Pipe - Casing Liners		\$0	\$0
	891612	Pipe - Tieback Casing		\$0	\$0
	891613	Pipe - Tubing		\$0	\$0
	891614	Rods		\$0	\$0
	891615	Safety Valves		\$0	\$0
	891616	Tubing Accessories		\$0	\$0
	891617	Wellhead		\$0	\$0
			Total Tangible	\$0	\$0
			Total Daily Costs	\$14,245	\$62,769

<div>NEWFIELD</div> <div>ROCKY MOUNTAINS</div>		<div>Daily Workover Report</div>		<div>Well Name: JONAH 8-14-9-16</div> <div>AFE: 22242</div> <div>Report Date: 7/9/10</div>	
		MAJWKO		Operation: Wait on decision	
Field:	GMBU CTB5	Rig Name:	WWS #3	Work Performed:	7/9/2010
Location:	S14 T9S R16E	Supervisor:	Aaron Manning	Day:	5
County:	DUCHESNE	Phone:	435- 823-1087	Daily Cost:	\$8,425
State:	UT	Email:	amanning@newfield.com	Cum DWR:	\$71,194
Reason for Workover: Workover					
24 Hr Summary:	Clean out cement. TOOH & LD tbg & BHA. Run CBL				
24 Hr Plan Forward:	Wait on decision.				
Incidents:	None	Newfield Pers:	1	Contract Pers:	10
Conditions:					
Critical Comments					
Jonah LA-14-9-16 enters into wellbore @ 1993'					
Activity Summary					
0 Hr(s); P : Continue TIH w/ 4 3/4" chomp bit, & BHA. Tag fill @ 1072'. RU power swivel. Clean out 20' of fill to 1092'. Circulate well clean. TOOH LD tbg & BHA. TIH w/ 1.9" tbg. LD tbg. RU WLT. Run CBL. RD WLT. ND BOPs. NU wellhead. RDMOSU.□					
Failures					
Failure Date					
Failure 1					
Failure 2					
Failure 3					
Failure 4					
Failure 5					
Contr. Factors					
Location					

NEWFIELD			Well Name: JONAH 8-14-9-16		
ROCKY MOUNTAINS			Report Date: 7/9/10		
Daily Workover Report			Cum. DWR: \$71,194		
	Code	Description	Comments	Daily	Cum.
Intangible Costs	891101	Base / Field Office Operations		\$0	\$0
	891102	Cased Hole Electric Wireline		\$0	\$11,950
	891103	Casing Crews & Running Tools - Casing &		\$0	\$0
	891105	Cementing		\$0	\$0
	891106	Chemical Treatment - Surface		\$0	\$0
	891107	Chemical Treatment - Subsurface		\$0	\$0
	891108	Coiled Tubing Units		\$0	\$0
	891109	Communications		\$0	\$0
	891110	Consultants		\$0	\$0
	891111	Core / Fluid Analysis		\$0	\$0
	891113	Directional Drilling Operations		\$0	\$0
	891115	Engineering - Process		\$0	\$0
	891116	Engineering - Structural		\$0	\$0
	891117	Environment & Safety		\$0	\$0
	891118	Filtration		\$0	\$0
	891119	Fishing Operations	RBS	\$3,870	\$29,530
	891120	Fluid Disposal		\$0	\$500
	891121	Formation Evaluation		\$0	\$0
	891122	Formation Stimulation - Fracturing		\$0	\$0
	891123	Formation Stimulation - Other		\$0	\$0
	891125	Hanger - Liner		\$0	\$0
	891127	Hookup Services		\$0	\$0
	891128	Hot Oiling Services		\$0	\$2,315
	891129	Inspection - Bottom Hole Assembly		\$0	\$0
	891130	Inspection - Casing		\$0	\$0
	891131	Inspection - Drill Pipe		\$0	\$0
	891132	Inspection - Site		\$0	\$0
	891133	Inspection - Tubing		\$0	\$0
	891135	Installation / Removal - Pipeline		\$0	\$0
	891138	Instrumentation		\$0	\$0
	891139	Labor - Company Supervision	Aaron Manning	\$0	\$1,200
	891140	Labor - Company Employees		\$0	\$0
	891141	Labor - Contract Employees		\$0	\$0
	891143	Location Preparation		\$0	\$0
	891144	Location Remediation & Maintenance		\$0	\$0
	891145	Measurement		\$0	\$0
	891146	Miscellaneous Services -	Knight oil tools	\$1,000	\$1,000
	891147	Mud Logging Services		\$0	\$0
	891148	Nitrogen Services		\$0	\$0
	891149	Project Management		\$0	\$0
	891150	Rig Costs - Dayrate	WWS #3 \$2573, RBS PS \$650	\$3,223	\$21,092
	891153	Rig Mob & Demob		\$0	\$0
	891155	Slickline Services		\$0	\$0
	891156	Survey - Location		\$0	\$0
	891157	Survey - Well		\$0	\$0
	891158	Testing - Tubing		\$0	\$0
	891159	Testing - Well & Well Flowback		\$0	\$0
	891160	Testing - Well Control Equipment		\$0	\$0
	891162	Transportation - Land	NPC	\$600	\$2,075
	891164	Transportation - Fuel		\$0	\$0
	891165	Tubular Conveyed Perforating & Drill Stem		\$0	\$0
	891166	Welding		\$0	\$0
	891304	Completion Fluids	RNI	\$1,000	\$2,800
	891306	Condensate		\$0	\$0
	891307	Cranes		\$0	\$0
	891311	Electrical		\$0	\$0
	891312	Facilities - Processing		\$0	\$0
	891313	Fuel - Rigs / Lease (Delivered)		\$0	\$0
	891314	Fuel Gas (Produced)		\$0	\$0
	891315	Fuel Gas System		\$0	\$0
	891324	Living Quarters		\$0	\$0
	891325	Lost in Hole		\$0	\$0
	891329	Mud - Drilling		\$0	\$0
	891330	Mud Monitoring & Processing		\$0	\$0
	891341	Stabilizer, Under Reamer, Hole Opener		\$0	\$0
	891348	Utility Systems - RENTAL GENERATOR		\$0	\$0
	891350	Water		\$0	\$0
	891501	Insurance		\$0	\$0
	891502	Land Owner Fees		\$0	\$0
	891503	Legal Fees		\$0	\$0
	891511	Regulatory Compliance		\$0	\$0
	891963	Contingency		\$0	\$0
	891965	Overhead		\$0	\$0
Total Intangible				\$9,693	\$72,462

<div>NEWFIELD</div> <div></div> <div>ROCKY MOUNTAINS</div>		Daily Workover Report		Well Name: JONAH 8-14-9-16	
				Report Date: 7/9/10	
				Cum. DWR: \$71,194	
Tangible Costs	891301	Bits		\$0	\$0
	891302	Blow Out Preventors	Weatherford	\$300	\$300
	891305	Compressors		\$0	\$0
	891310	Drill String		\$0	\$0
	891316	Gas Lift Manifold		\$0	\$0
	891318	Generators		\$0	\$0
	891328	Miscellaneous Surface Equipment		\$0	\$0
	891335	Pipeline / Flowline		\$0	\$0
	891336	Pumps		\$0	\$0
	891337	Safety Equipment		\$0	\$0
	891338	Safety Systems		\$0	\$0
	891339	Salvage		\$0	\$0
	891342	Startup Material / Stock		\$0	\$0
	891343	Structural Repairs / Major Surface Equipment		\$0	\$0
	891345	Tanks		\$0	\$0
	891346	Tools & Supplies		\$0	\$0
	891349	Vapor Recovery System		\$0	\$0
	891351	Water Handling Equipment		\$0	\$0
	891601	Artificial Lift		\$0	\$0
	891602	Casing Accessories		\$0	\$0
	891603	Miscellaneous Subsurface Equipment		\$0	\$0
	891604	Packers & Liner Hangers		\$0	\$0
	891607	Pipe - Conductor Casing		\$0	\$0
	891608	Pipe - Surface Casing		\$0	\$0
	891609	Pipe - Intermediate Casing		\$0	\$0
	891610	Pipe - Production Casing		\$0	\$0
	891611	Pipe - Casing Liners		\$0	\$0
	891612	Pipe - Tieback Casing		\$0	\$0
	891613	Pipe - Tubing	Return 30- jts tbg for inspection	-\$1,568	-\$1,568
	891614	Rods		\$0	\$0
	891615	Safety Valves		\$0	\$0
	891616	Tubing Accessories		\$0	\$0
	891617	Wellhead		\$0	\$0
		Total Tangible	-\$1,268	-\$1,268	
		Total Daily Costs	\$8,425	\$71,194	



*Duchesne County Planning, Zoning
& Community Development
734 North Center Street
P.O. Box 317
Duchesne, Utah 84021
(435) 738-1152
Fax (435) 738-5522*

August 17, 2010

RECEIVED

AUG 17 2010

DIV. OF OIL, GAS & MINING

Mr. Brad Hill, Permitting Manager
Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Newfield Production Company Injection Wells (Cause No UIC-367)

Dear Mr. Hill:

We are in receipt of your notice regarding Newfield Production Company's request to convert five wells in the Greater Monument Butte Unit, located in Sections 14, 15 and 22, Township 9 South, Range 15 East and Sections 9 and 14 in Township 9 South, Range 16 East, Duchesne County, to Class II injection wells.

Duchesne County is supportive of this request and recommends approval under conditions that your agency deems appropriate.

Thank you for the opportunity to comment.

Sincerely,

Mike Hyde, AICP
Community Development Administrator

pc: Mike Guinn, Newfield Production Company, Rt. 3, Box 3630, Myton, UT 84052



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 4, 2012

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Jonah Federal 16-14-9-16, Section 14, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-32698

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

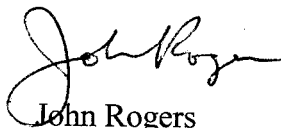
1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. Water levels, as well as casing and tubing pressures, in both the monitor well, GMBU 8-14T-9-16 (43-013-50880) and the damaged well, Jonah Unit 8-14-9-16 (43-013-32054) shall be checked and recorded on a regular basis. Also, water samples from both wells will be collected and analyzed annually. Any observed changes shall be reported to the Division immediately.
6. The top of the injection interval shall be limited to a depth no higher than 3,786 feet in the Jonah Federal 16-14-9-16 well.



December 4, 2012
Jonah Federal 16-14-9-16
Page 2

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

A handwritten signature in black ink, appearing to read "John Rogers". The signature is fluid and cursive, with the first name "John" being more prominent than the last name "Rogers".

John Rogers
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Jonah Federal 16-14-9-16

Location: 14/9S/15E **API:** 43-013-32698

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and leaseholders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 310 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,804 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,310 feet. A 2 7/8 inch tubing with a packer will be set at 3,992 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. At the time of this revised Statement of Basis (11/30/2012), on the basis of surface locations, there are 7 producing wells, 2 injection wells, and 1 shut-in well (the proposed injection well) in the AOR. In addition, there are 2 directionally drilled producing wells with surface locations outside the AOR and bottom hole locations inside the AOR. There also is 1 P/A well with a surface location outside the AOR and a bottom hole location inside the AOR. Finally, there are 2 approved surface locations outside the AOR, from which directional wells will be drilled to bottom hole locations inside the AOR. All of the existing wells have evidence of adequate casing and cement.

The following discussion pertains to all UIC applications for wells located within a 0.5 mile radius of the Jonah Unit 8-14-9-16 well (API# 43-013-32054) or the Jonah Federal LA-14-9-16 well (43-013-34164). The latter of these two wells is directionally drilled, and although the surface location is outside the AOR, the bottom hole location is inside the AOR, approximately 1/3 mile north-northwest of Jonah Federal 16-14 well. In the process of drilling the directional well, Jonah Federal LA-14-9-16 from the existing pad occupied by Jonah Unit 8-14, on 12/25/2008 Newfield accidentally intersected the existing vertical wellbore Jonah Unit 8-14 at a depth of 1,092 feet. An application for conversion of the Jonah Unit 8-14 to a UIC injection (UIC-255.1) well had been previously submitted by Inland Production Company 4/19/2000. A conversion permit was issued 6/15/2000 by DOGM, but an MIT was never done, and an injection permit was never issued. Subsequent to the well collision, which destroyed the wellbore integrity of the Jonah 8-14 well, DOGM denied further consideration of the well as a UIC injection well (memo 11/8/2010). Jonah 8-14 is currently in a temporarily abandoned status. Newfield and DOGM agreed on a plan for monitoring the situation created by the well collision. A monitor

well would be drilled and perforated at depths which straddle the depth of the well collision. Casing and tubing pressure gauges would be placed on both the damaged well (Jonah 8-14) and the monitor well. Any changes in pressure or fluid level will be reported immediately to DOGM. In addition, water samples will be taken from each well annually. The monitor well, GMBU 8-14T-9-16 (API# 43-013-50880) was completed 10/10/2012, located approximately 90 feet south-southeast of Jonah 8-14. Prior to completion of the monitor well, it had been necessary to postpone further consideration of the present UIC application.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2100 feet. Injection shall be limited to the interval between 3,786 feet and 5,758 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 16-14-9-16 well is 0.89 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,804 psig. The requested maximum pressure is 1,804 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any groundwater present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date: 11/4/2010 (rev. 11/30/2012)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096547
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: JONAH FED 16-14-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0657 FSL 0758 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 14 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013326980000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/20/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 12/19/2012. On 12/19/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/20/2012 the casing was pressured up to 1005 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 240 psig during the test. There was not a State representative available to witness the test.		
Accepted by the Utah Division of Oil, Gas and Mining Date: January 07, 2013 By:		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 1/7/2013	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 12/20/12 Time 10:40 am pm
Test Conducted by: EVERETT UHARA
Others Present: _____

Well: JONAH FEDERAL 16-14-9-16

Field: Monument Butte

Well Location: SESE Sec 14 T9S R16E
Duchesne, County UT

API No: 43-013-32698

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1005</u>	psig
5	<u>1005</u>	psig
10	<u>1005</u>	psig
15	<u>1005</u>	psig
20	<u>1005</u>	psig
25	<u>1005</u>	psig
30 min	<u>1005</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 240 psig

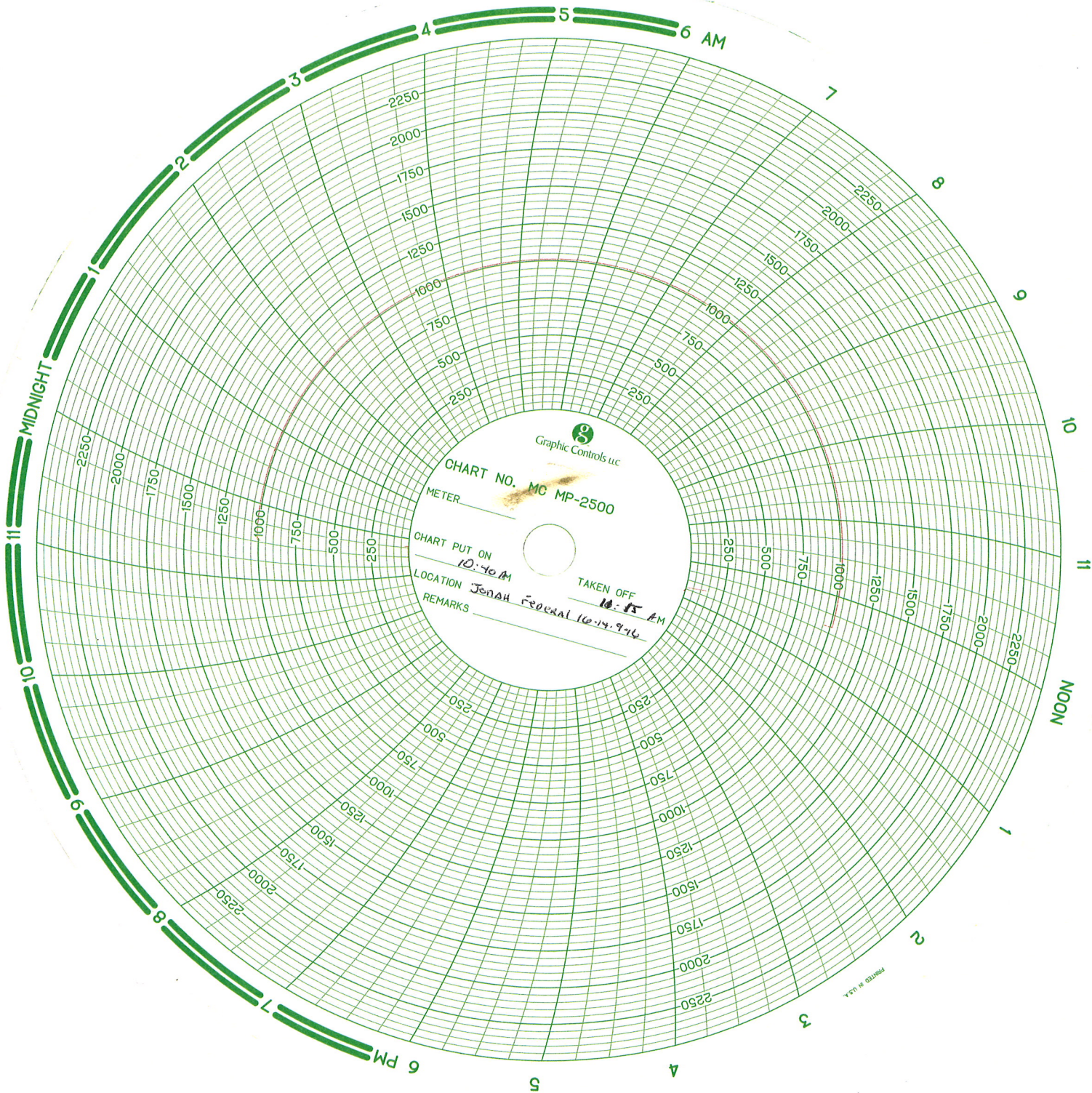
Result:

Pass

Fail

Signature of Witness: _____

Signature of Person Conducting Test: Everett UHARA



Daily Activity Report

Format For Sundry

JONAH 16-14-9-16

10/1/2012 To 2/28/2013

12/13/2012 Day: 1

Conversion

WWS #3 on 12/13/2012 - MIRUSU, LD rods - MIRUSU, Rd pumping unit. Pump 60bbls down csg, unseat pump w/10000 over string wt, unable to flush. Resent pump soft seat and test to 3500psi. LD 25 guided rods, unable to flush. TOO H w/99 3/4 slk rods, 10 3/4 guided rods6 1-1/2 weight bars. LD pump, x-over to rod equip. ND wellhead unable to release TAC, NU bops Ru floor and tbg equip. Pump 40 bbls down tbg work TAC. - MIRUSU, Rd pumping unit. Pump 60bbls down csg, unseat pump w/10000 over string wt, unable to flush. Resent pump soft seat and test to 3500psi. LD 25 guided rods, unable to flush. TOO H w/99 3/4 slk rods, 10 3/4 guided rods6 1-1/2 weight bars. LD pump, x-over to rod equip. ND wellhead unable to release TAC, NU bops Ru floor and tbg equip. Pump 40 bbls down tbg work TAC.

Daily Cost: \$0

Cumulative Cost: \$18,202

12/14/2012 Day: 2

Conversion

WWS #3 on 12/14/2012 - pump 60 bbls down tbg @ 1/2 bbl a min @ 2000 psi ru power swivel work TAC all day flushing down tbg every 3 hrs no progress. free point in AM - Pump 60 BBLS Down TBG @ 1/2 BLS min @ 2000 psi RU nabors PS 1 work TBG 2 hours RO Hot oiler pumped 50 BBLS @ 1/2 bls @ 1500 PSI cant working TBG for # hours pump 60 BBLS @ 1/2 BBLS per min @ 1300PSI cant working TBG untill 4:00 rack out drill equipment free point in the Am CWI @ 4:30. - Pump 60 BBLS Down TBG @ 1/2 BLS min @ 2000 psi RU nabors PS 1 work TBG 2 hours RO Hot oiler pumped 50 BBLS @ 1/2 bls @ 1500 PSI cant working TBG for # hours pump 60 BBLS @ 1/2 BBLS per min @ 1300PSI cant working TBG untill 4:00 rack out drill equipment free point in the Am CWI @ 4:30.

Daily Cost: \$0

Cumulative Cost: \$24,197

12/17/2012 Day: 3

Conversion

WWS #3 on 12/17/2012 - TIH W/ Cem. Cutter Cut TBG @ 5135' RD - Flush TBG W/50 BBLS RU in wire line TIH W/ free point 100% stuck @ 5190' 70% free @5150, 100% Free @ 5140 TOO H W/ free point TIH W/ Cem. Cutter Cut TBG @ 5135' RD, Wire Line, flush tbg W20 BBLS TOO H W159 JTS OUT TIH W/ shoe 8 JTS wast pipe bushing allionce jars 4 Drill collars Intenskier X-over sub 110 JT EOT @3973 RU rig pump + care well.CWI @5:30 - Flush TBG W/50 BBLS RU in wire line TIH W/ free point 100% stuck @ 5190' 70% free @5150, 100% Free @ 5140 TOO H W/ free point TIH W/ Cem. Cutter Cut TBG @ 5135' RD, Wire Line, flush tbg W20 BBLS TOO H W159 JTS OUT TIH W/ shoe 8 JTS wast pipe bushing allionce jars 4 Drill collars Intenskier X-over sub 110 JT EOT @3973 RU rig pump + care well.CWI @5:30

Daily Cost: \$0

Cumulative Cost: \$30,207

12/18/2012 Day: 4

Conversion

WWS #3 on 12/18/2012 - clean out 115' of scale to 5272,cont TIH to tac @ 5347 - Thaw out wellhead cont TIH to 5128 RU nabors power swivel cont PU + TIH Tag fish top @ 5135 swallow fish to in wash pipe cont TIH tag @5157 clean out 115' of scale to 5272,cont TIH to

tac @ 5347 cerc well clean TOO H rack out power swival stand back wash pipe + collars TIH W over shot 4-3 3/4 collars intensifier X-over sub pup JT 118 JTs EOT @ 3969' CWI 5:00 - Thaw out wellhead cont TIH to 5128 RU nabors power swivel cont PU + TIH Tag fish top @ 5135 swallow fish to in wash pipe cont TIH tag @5157 clean out 115' of scale to 5272,cont TIH to tac @ 5347 cerc well clean TOO H rack out power swival stand back wash pipe + collars TIH W over shot 4-3 3/4 collars intensifier X-over sub pup JT 118 JTs EOT @ 3969' CWI 5:00

Daily Cost: \$0

Cumulative Cost: \$58,771

12/19/2012 Day: 5

Conversion

WWS #3 on 12/19/2012 - cont TIH tag fish top @5135 latch on to fish - cont TIH tag fish top @5135 latch on to fish release cont TOO H Breaking + redo pe every collar total 123 JTS LD 4 Drill collars + Jars Ld 35 JTS BHA TIH W/8 wash pipe LD 8 JTS wash pipe CWI @5:30. - cont TIH tag fish top @5135 latch on to fish release cont TOO H Breaking + redo pe every collar total 123 JTS LD 4 Drill collars + Jars Ld 35 JTS BHA TIH W/8 wash pipe LD 8 JTS wash pipe CWI @5:30.

Daily Cost: \$0

Cumulative Cost: \$65,076

12/20/2012 Day: 6

Conversion

WWS #3 on 12/20/2012 - TIH , test tb g. Pump PKR fl. Test csg -ck in am. - Put TIH W/ 2 3/8 re-entry Guide,2 3/8 X-N Nipple 4 X 2 3/8 pop JT 2 7/8 to 2 3/8 X over AS1 pkr on off tool psn + 123JTS wait on hot oiler pump 30bbbs did not catch pressure RU SL push Sv to psn pressure test tb g to 3000get good test @2:30, fish Sv ND BOPs land tb g W/B-1 adaptor flange pump 50 bbbs fresh water W/ pkr fluid set TAC W/ 15000 tension NU 3k JTS tree pressure csg up to 1500 psi check in AM. CWI @5:00. - Put TIH W/ 2 3/8 re-entry Guide,2 3/8 X-N Nipple 4 X 2 3/8 pop JT 2 7/8 to 2 3/8 X over AS1 pkr on off tool psn + 123JTS wait on hot oiler pump 30bbbs did not catch pressure RU SL push Sv to psn pressure test tb g to 3000get good test @2:30, fish Sv ND BOPs land tb g W/B-1 adaptor flange pump 50 bbbs fresh water W/ pkr fluid set TAC W/ 15000 tension NU 3k JTS tree pressure csg up to 1500 psi check in AM. CWI @5:00. - thaw out wellhead check pressure on well 1375, bumped up pressure to 1500 did not loose pressure in 45 minutes, good test. RDMO@ 11:00 - thaw out wellhead check pressure on well 1375, bumped up pressure to 1500 did not loose pressure in 45 minutes, good test. RDMO@ 11:00 - Put TIH W/ 2 3/8 re-entry Guide,2 3/8 X-N Nipple 4 X 2 3/8 pop JT 2 7/8 to 2 3/8 X over AS1 pkr on off tool psn + 123JTS wait on hot oiler pump 30bbbs did not catch pressure RU SL push Sv to psn pressure test tb g to 3000get good test @2:30, fish Sv ND BOPs land tb g W/B-1 adaptor flange pump 50 bbbs fresh water W/ pkr fluid set TAC W/ 15000 tension NU 3k JTS tree pressure csg up to 1500 psi check in AM. CWI @5:00. - Put TIH W/ 2 3/8 re-entry Guide,2 3/8 X-N Nipple 4 X 2 3/8 pop JT 2 7/8 to 2 3/8 X over AS1 pkr on off tool psn + 123JTS wait on hot oiler pump 30bbbs did not catch pressure RU SL push Sv to psn pressure test tb g to 3000get good test @2:30, fish Sv ND BOPs land tb g W/B-1 adaptor flange pump 50 bbbs fresh water W/ pkr fluid set TAC W/ 15000 tension NU 3k JTS tree pressure csg up to 1500 psi check in AM. CWI @5:00. - thaw out wellhead check pressure on well 1375, bumped up pressure to 1500 did not loose pressure in 45 minutes, good test. RDMO@ 11:00 - thaw out wellhead check pressure on well 1375, bumped up pressure to 1500 did not loose pressure in 45 minutes, good test. RDMO@ 11:00

Daily Cost: \$0

Cumulative Cost: \$101,974

12/28/2012 Day: 8

Conversion

Rigless on 12/28/2012 - Conduct initial MIT - On 12/19/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/20/2012 the casing was pressured up to 1005 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 240 psig during the test. There was not a State representative available to witness the test. - On 12/19/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/20/2012 the casing was pressured up to 1005 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 240 psig during the test. There was not a State representative available to witness the test.

Daily Cost: \$0

Cumulative Cost: \$193,654

Pertinent Files: [Go to File List](#)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096547
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: JONAH FED 16-14-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0657 FSL 0758 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 14 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013326980000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/21/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Put on Injection"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above reference well was put on injection at 2:30 PM on 01/21/2013.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 24, 2013		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 1/22/2013	

Spud Date: 10-14-05
 Put on Production: 11-14-05
 GL: 5626' KB: 5638'

Jonah Federal 16-14-9-16

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (302.62')
 DEPTH LANDED: 310.02' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 130 jts (5790.42')
 DEPTH LANDED: 5803.67' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 270'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO OF JOINTS: 123 jts (3956.9')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3968.9' KB
 ON/OFF TOOL AT: 3970.0'
 ARROW #1 PACKER CE AT: 3975.9'
 XO 2-3/8 x 2-7/8 J-55 AT: 3979.0'
 TBG PUP 2-3/8 J-55 AT: 3979.5'
 X/N NIPPLE AT: 3983.7'
 TOTAL STRING LENGTH: EOT @ 3985.19'

FRAC JOB

11-08-05 5374-5380' **Frac CP2 sands as follows:**
 24617# 20/40 sand in 360 bbls Lightning 17
 frac fluid Treated @ avg press of 2689 psi
 w/avg rate of 24.8 BPM ISIP 3370 psi. Calc
 flush: 5372 gal Actual flush: 4956 gal

11-08-05 5122-5132' **Frac LODC sands as follows:**
 34329# 20/40 sand in 394 bbls Lightning 17
 frac fluid Treated @ avg press of 2632 psi
 w/avg rate of 24.8 BPM ISIP 2720 psi. Calc
 flush: 5120 gal Actual flush: 4830 gal

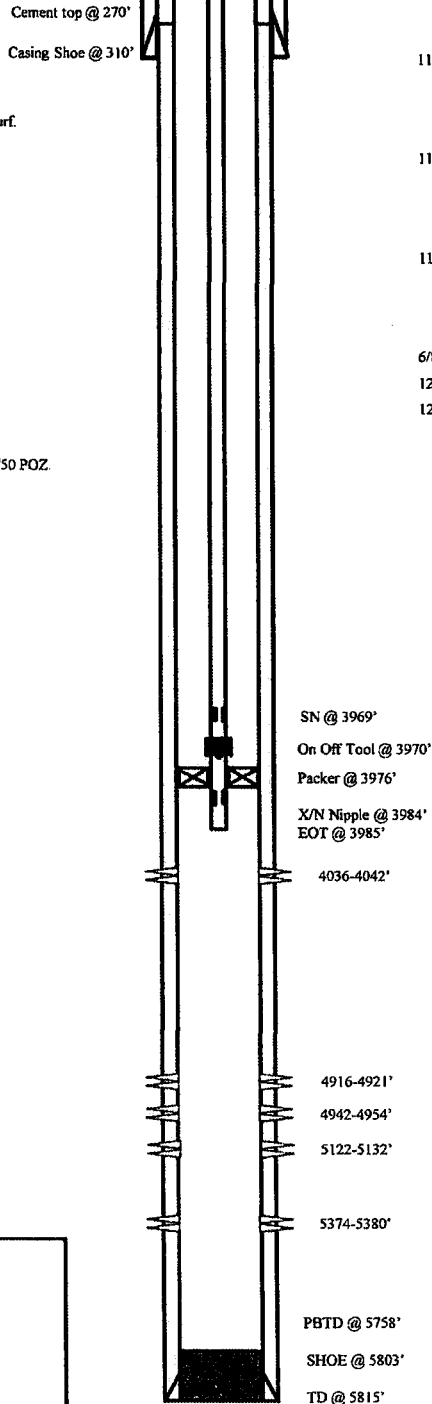
11-09-05 4916-4954' **Frac A1, & A3 sands as follows:**
 75312# 20/40 sand in 591 bbls Lightning 17
 frac fluid Treated @ avg press of 1787 psi
 w/avg rate of 24.9 BPM ISIP 2200 psi. Calc
 flush: 4914 gal Actual flush: 3906 gal

11-09-5 4036-4042' **Frac GB6 sands as follows:**
 25272# 20/40 sand in 301 bbls Lightning 17
 frac fluid Treated @ avg press of 2043 w/
 avg rate of 24.7 BPM ISIP 1830 psi. Calc
 flush: 4034 gal. Actual flush: 3948 gal

6/8/09 **Pump Change** Updated rod & tubing details
 12/19/12 **Convert to Injection Well**
 12/20/12 **Conversion MIT Finalized** - update tbg
 detail

PERFORATION RECORD

11-01-05	5374-5380'	4 JSPF	24 holes
11-08-05	5122-5132'	4 JSPF	40 holes
11-08-05	4942-4954'	4 JSPF	48 holes
11-08-05	4916-4921'	4 JSPF	20 holes
11-09-05	4036-4042'	4 JSPF	24 holes



NEWFIELD

Jonah Federal 16-14-9-16

657' FSL & 758' FEL
 SE/SE Section 14-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32698; Lease #UTU-096547



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director


UNDERGROUND INJECTION CONTROL PERMIT Cause No. UIC-367

Operator: Newfield Production Company
Well: Jonah Federal 16-14-9-16
Location: Section 14, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-32698
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on December 4, 2012.
2. Maximum Allowable Injection Pressure: 1,804 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,786' – 5,758')
5. Water levels, as well as casing and tubing pressures, in both the monitor well, GMBU 8-14T-9-16 (43-013-50880) and the damaged well, Jonah Unit 8-14-9-16 (43-013-32054) shall be checked and recorded on a regular basis. Also, water samples from both wells will be collected and analyzed annually. Any observed changes shall be reported to the Division immediately
6. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director


Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC

